

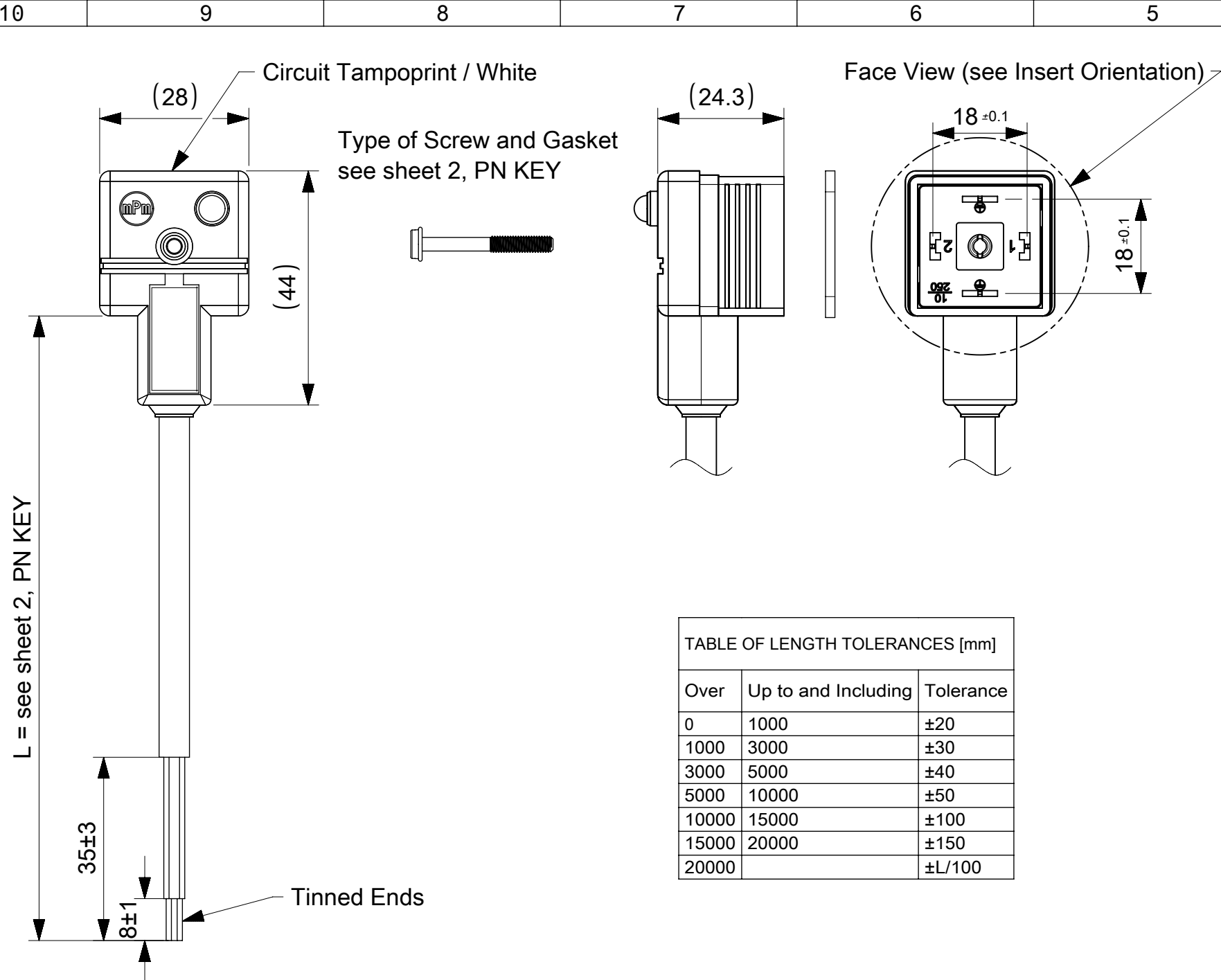
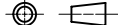


TABLE OF LENGTH TOLERANCES [mm]		
Over	Up to and Including	Tolerance
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

INSERT ORIENTATION	
Housing 2 Poles + 2 Earths	Housing 3 Poles + 1 Earth
Earth H6/H12 E452XXXXXX1XXXX	Earth H12 E452XXXXXX2XXXX PIN 3 Not Used
Earth H3/H9 E452XXXXXX4XXXX	Earth H3 E452XXXXXX3XXXX PIN 3 Not Used
Earth H6/H12 E452XXXXXX1XC3X E452XXXXXX1XC7X E452XXXXXX1XR0X E452XXXXXX1XR2X Insert rotated 180°	Earth H6 E452XXXXXX6XXXX PIN 3 Not Used
	Earth H9 E452XXXXXX9XXXX PIN 3 Not Used

Type of Screws and Gaskets

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
 (□ 29.5) (5.2) (1.8)	 (□ 28) (1.8)	 (□ 28) (1.8) (9.3)	 (25) M 3
			Screw M3x27 + Washer
			 (27) M 3 NBR Washer

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																	
SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex									
	mm		1:1														
	GENERAL TOLERANCES (UNLESS SPECIFIED)				STANDARD E452 DIN FORM A EN 175301-803												
	ANGULAR TOL ± °																
	4 PLACES		±		EC NO: 603741			2018/07/13									
	3 PLACES		±		DRWN: APAWLAK01												
	2 PLACES		±		CHK'D: RSILLER												
	1 PLACE		±		APPR: RSILLER			2018/08/31									
	0 PLACES		±		INITIAL REVISION:			2018/07/13									
	DRWN: APAWLAK01																
APPR: RSILLER																	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		121050		1210502000		PSD		000		A	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
										SEE 1210502000_PDP		GENERAL MARKET				1 OF 3	

PN KEY ENGINEERING PN

E

4

5

2

X

X

X

X

X

X

X

X

X

X

X

E - Packing without bag
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in[cm]
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

Wiring Configuration:
See sheet 3

Voltage and Led Colour

Red Led:	Green Led:	Yellow Led:
1 = 12V	A = 12V	G = 12V
2 = 24V	B = 24V	H = 24V
3 = 48V	C = 48V	K = 48V
4 = 115V	D = 115V	L = 115V
5 = 230V	E = 230V	M = 230V

Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A2	3	AWG 20	5.6mm±0.2	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
A3	3	AWG 18	6.5mm±0.25	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B2	3	AWG 20	5.6mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
B3	3	AWG 18	6.5mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
F4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-15°C to +70°C, 10xO.D.	-5°C to +60°C, 15xO.D.	-
I0	3	1mm²	7.6mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	YES
I2	3	0.5mm²	5.5mm+0.3	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I3	3	0.75mm²	6.0mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	3	0.5mm²	5.6mm±0.7	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N3	3	0.75mm²	6.8mm±0.8	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N4	3	1mm²	7.15mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P1	3	0.34mm²	5.3mm±0.2	PUR BLACK	-	-	-25°C to +80°C, 10xO.D.	-5°C to +80°C, 15xO.D.	-
P2	3	0.5mm²	5.5mm+0.3	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	3	0.75mm²	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
R4	3	1mm²	7.1mm±0.2	TPR HF BLACK	-	-	-	-	-
Y3	3	0.75mm²	6.5mm±0.2	SILICONE RED	-	-	-60°C to +180°C, 15xO.D.	-	-

Notes:

1. Please see excel sheet 1210502000_PDP for currently configured part numbers.
2. Drawing is a replacement for: SD-121050-001

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/31	12:24:53
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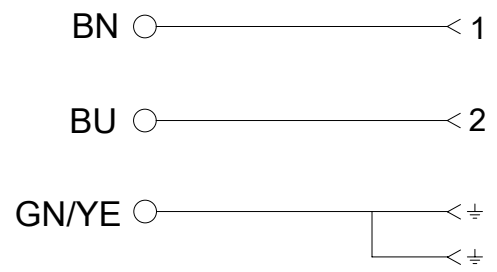
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:			
	DIMENSION UNITS	SCALE				
	mm	1:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603741 DRWN: APAWLAK01 2018/07/13 CHK'D: RSILLER 2018/08/31 APPR: RSILLER 2018/08/31		STANDARD E452 DIN FORM A EN 175301-803	
	ANGULAR TOL	± °				
	4 PLACES	±				
	3 PLACES	±				
	2 PLACES	±	INITIAL REVISION: DRWN: APAWLAK01 2018/07/13 APPR: RSILLER 2018/08/31		PRODUCT CUSTOMER DRAWING	
	1 PLACE	±				
	0 PLACES	±				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SHEET NUMBER
				A3-SIZE	121050	2 OF 3

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210502000	PSD	000	A

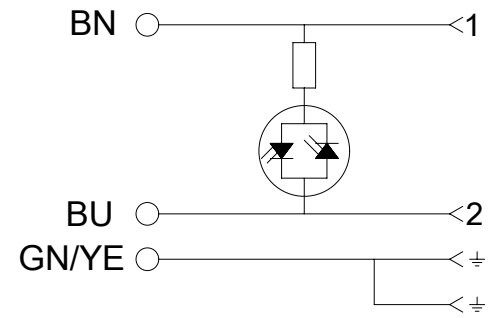
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE 1210502000_PDP	GENERAL MARKET	2 OF 3

WIRING DIAGRAMS

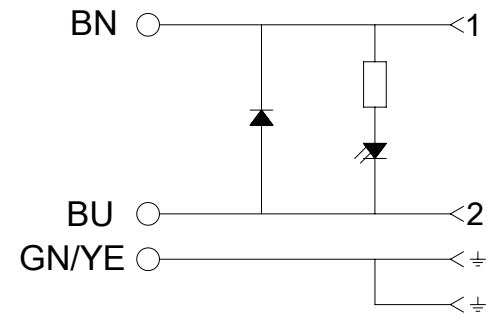
ELECTRICAL DIAGRAM 00



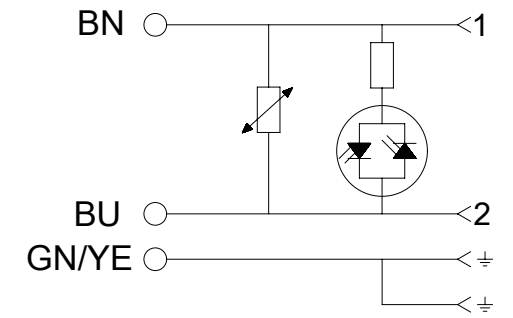
ELECTRICAL DIAGRAM A1



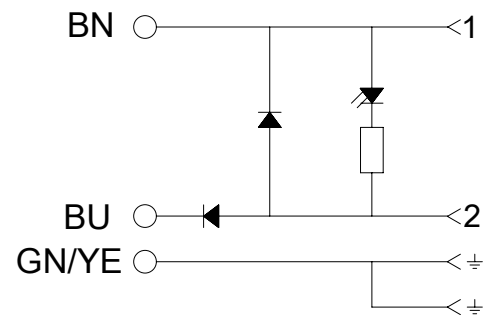
ELECTRICAL DIAGRAM C3



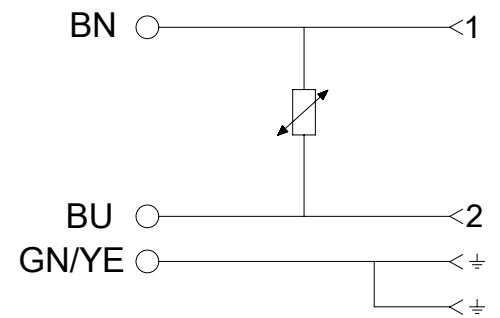
ELECTRICAL DIAGRAM C4



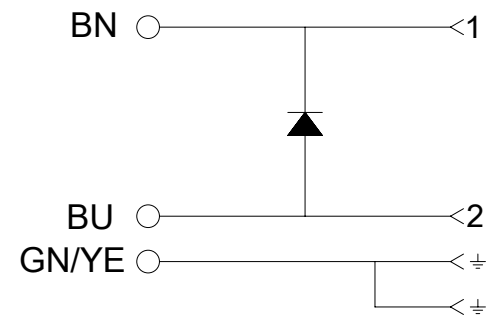
ELECTRICAL DIAGRAM C7



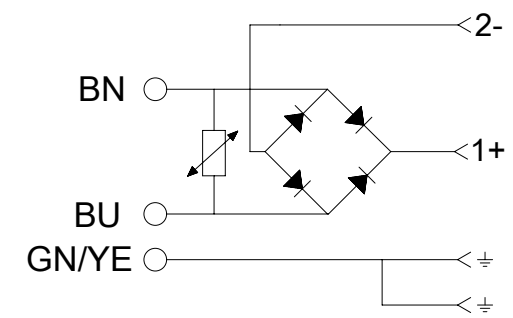
ELECTRICAL DIAGRAM D0



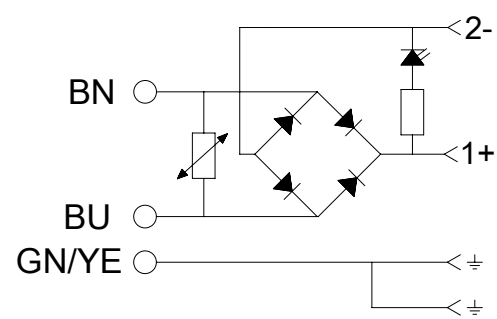
ELECTRICAL DIAGRAM E0



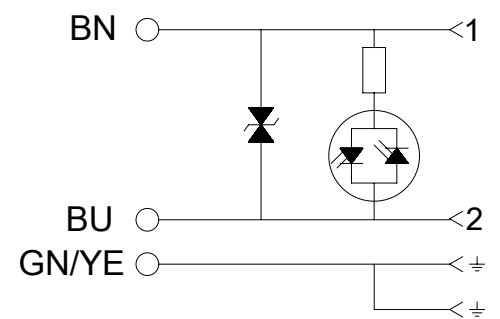
ELECTRICAL DIAGRAM R0



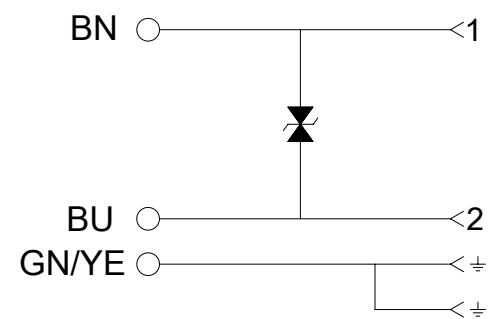
ELECTRICAL DIAGRAM R2



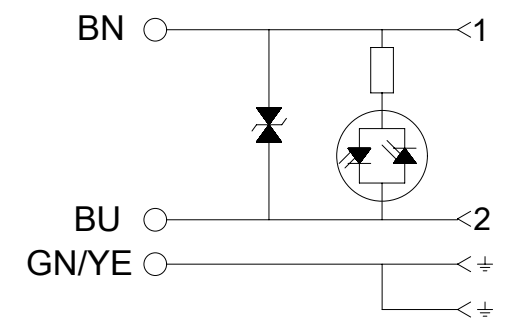
ELECTRICAL DIAGRAM S0



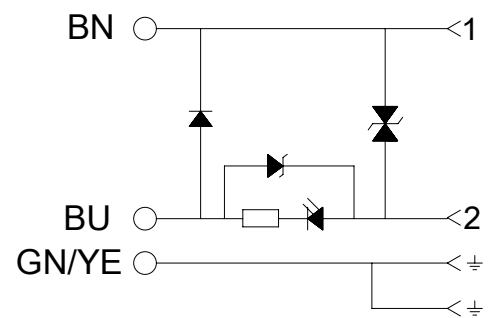
ELECTRICAL DIAGRAM S1



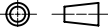
ELECTRICAL DIAGRAM S3

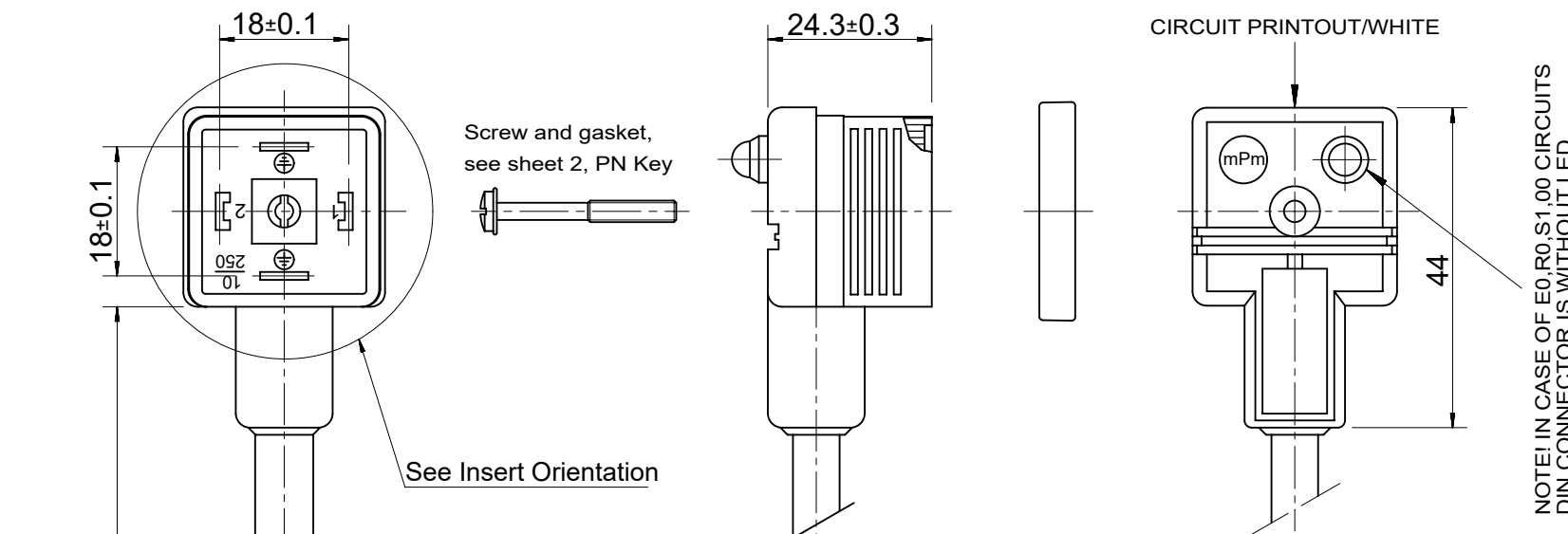


ELECTRICAL DIAGRAM NS



Technical Spec:
Supply Voltage: See PN KEY
Max. current: 5A; A1-C4-S0
1,5A; R2
Contact Resistance: ≤15milliohms max.
Operating Temperature:
with NBR Gasket: -40°C +90°C
with Silicone: -40°C +125°C

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SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex									
 = 0		mm	1:1															
 = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 603741 DRWN: APAWLAK01 2018/07/13 CHK'D: RSILLER 2018/08/31 APPR: RSILLER 2018/08/31 INITIAL REVISION: DRWN: APAWLAK01 2018/07/13 APPR: RSILLER 2018/08/31			STANDARD E452 DIN FORM A EN 175301-803											
 = 0																		
 = 0		ANGULAR TOL ± °																
 = 0		4 PLACES ±																
 = 0		3 PLACES ±																
 = 0		2 PLACES ±																
 = 0		1 PLACE ±																
 = 0		0 PLACES ±																
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION 		DRAWING A3-SIZE		SERIES 121050		MATERIAL NUMBER SEE 1210502000_PDP		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 3	



DOUBLE EARTH ON 6H & 12H E452XXXXXX1XXXX	EARTH PIN ON 12H E452XXXXXX2XXXX	EARTH PIN ON 6H E452XXXXXX6XXXX
DOUBLE EARTH ON 3H & 9H E452XXXXXX4XXXX	EARTH PIN ON 3H E452XXXXXX3XXXX	EARTH PIN ON 9H E452XXXXXX9XXXX

DOUBLE EARTH ON 6H & ON 12H
E452XXXXXX1XC3X
E452XXXXXX1XC7X
E452XXXXXX1XR0X
E452XXXXXX1XR2X

NOTE! IN CASE OF CIRCUIT C3,C7,R0,R2 HOUSING INVERSE OF 180°.

Table of length tolerances [mm]		
Over	Up to and including	Tolerance (+)
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

WIRING CONFIGURATION

ELECTRICAL DIAGRAM R0	ELECTRICAL DIAGRAM C4	ELECTRICAL DIAGRAM S0
ELECTRICAL DIAGRAM S3	ELECTRICAL DIAGRAM A1	ELECTRICAL DIAGRAM C3
ELECTRICAL DIAGRAM E0	ELECTRICAL DIAGRAM R2	ELECTRICAL DIAGRAM C7
ELECTRICAL DIAGRAM S1	ELECTRICAL DIAGRAM 00 WITHOUT LED	

NOTES:
1. FOR HARNESS WITH GROUND ONLY IN:
3H,6H,9H or 12H PIN 3 IS N/C.

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DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP					
GENERAL TOLERANCES (UNLESS SPECIFIED)									
4 PLACES ±		MM		INCH		EC NO: 714567			
3 PLACES ±						DRWN: SUGEEB 2022/07/18			
2 PLACES ±						CHK'D: GGA 2022/07/19			
1 PLACE ±						APPR: GGA 2022/07/19			
0 PLACES ±						INITIAL REVISION:			
ANGULAR TOL ± °						DRWN: JMARSZALEK 2012/08/27			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						APPR: MDYSZEWSKA 2012/08/20			
FIRST ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	
		A3-SIZE		121050		SD-121050-001		PSD	
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		DOC PART			
SEE TABLE		GENERAL MARKET		1 OF 41		REVISION			



FORMAT: Met-lega-master 6-prod-A3 REVISION: E DATE: 2020/1/14											9	8	7	6	5	4	3	2	1
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	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	<table><tr><th>Molex PN Raw cable</th><th>Cable type</th><th>Cable code</th><th>Wires no.</th><th>Cross Section</th><th>Jacket material</th><th>Jacket color</th><th>Diameter Ø [mm]</th><th>Wire colors</th></tr><tr><td>1210180080</td><td>I</td><td>0</td><td>3</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.4±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180467</td><td>A</td><td>2</td><td>2</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>5.4±0.2</td><td>BN, BU</td></tr><tr><td>1210180128</td><td>A</td><td>2</td><td>3</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>5.6±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180394</td><td>A</td><td>2</td><td>4</td><td>20 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.2±0.25</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180297</td><td>B</td><td>2</td><td>2</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>5.6±0.2</td><td>BN, BU</td></tr><tr><td>1210180126</td><td>B</td><td>2</td><td>3</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>5.6±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180387</td><td>B</td><td>2</td><td>4</td><td>20 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.3±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180122</td><td>D</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>5.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180047</td><td>I</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5+0.3/-0</td><td>BN, BU</td></tr><tr><td>1210180284</td><td>I</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5+0.3/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180146</td><td>I</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.5±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180177</td><td>I</td><td>2</td><td>5</td><td>0.5 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.0 +0.3/-0</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180022</td><td>N</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.2±0.2</td><td>BN, BU</td></tr><tr><td>1202092753</td><td>N</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180153</td><td>N</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PVC H03VV-F</td><td>Black</td><td>5.9±0.3</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180046</td><td>P</td><td>2</td><td>2</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>5.5±0.2</td><td>BN, BU</td></tr><tr><td>1202092439</td><td>P</td><td>2</td><td>3</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>5.5 +0.3/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180302</td><td>P</td><td>2</td><td>4</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1202092215</td><td>P</td><td>2</td><td>5</td><td>0.5 mm²</td><td>PUR - BLEND</td><td>Black</td><td>7+0.3/-0.1</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180409</td><td>A</td><td>3</td><td>2</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.2±0.25</td><td>BN, BU</td></tr><tr><td>1210180129</td><td>A</td><td>3</td><td>3</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>6.5±0.25</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180159</td><td>A</td><td>3</td><td>4</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>7.0+0.3/-0</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180464</td><td>A</td><td>3</td><td>5</td><td>18 AWG</td><td>PVC CSA/UL 2661</td><td>Black</td><td>7.8±0.25</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180351</td><td>B</td><td>3</td><td>2</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.2±0.2</td><td>BN, BU</td></tr><tr><td>1210180127</td><td>B</td><td>3</td><td>3</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180160</td><td>B</td><td>3</td><td>4</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>7±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180463</td><td>B</td><td>3</td><td>5</td><td>18 AWG</td><td>PUR CSA/UL 20668</td><td>Black</td><td>7.8±0.25</td><td>BN, BU, BK, WH, GN/YE</td></tr><tr><td>1210180073</td><td>D</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180145</td><td>D</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 20-20</td><td>Grey</td><td>7.1±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1202098206</td><td>I</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>5.5±0.2</td><td>BK1, BK2</td></tr><tr><td>1210180120</td><td>I</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>6.0±0.2</td><td>BK1, BK2, BK3</td></tr><tr><td>1210180143</td><td>I</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.0±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180032</td><td>N</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.2±0.2</td><td>BN, BU</td></tr><tr><td>1210180069</td><td>N</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180144</td><td>N</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>7.1±0.2</td><td>BN, BU, BK, GN/YE</td></tr><tr><td>1210180174</td><td>N</td><td>3</td><td>5</td><td>0.75 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>8.0+0.2/-0</td><td>BN, BU, BK, GY, GN/YE</td></tr><tr><td>1202094190</td><td>P</td><td>3</td><td>2</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU</td></tr><tr><td>1210180071</td><td>P</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180152</td><td>P</td><td>3</td><td>4</td><td>0.75 mm²</td><td>PUR - BLEND</td><td>Black</td><td>7.0±0.2</td><td>BN, BU, BK, GN/YE</td></tr></table>										Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors	1210180080	I	0	3	1 mm²	PVC CEI 2022 II O.R.	Grey	6.4±0.2	BN, BU, GN/YE	1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Black	5.4±0.2	BN, BU	1210180128	A	2	3	20 AWG	PVC CSA/UL 2661	Black	5.6±0.2	BN, BU, GN/YE	1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU, BK, GN/YE	1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU	1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU, GN/YE	1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Black	6.3±0.2	BN, BU, BK, GN/YE	1210180122	D	2	3	0.5 mm²	PVC CEI 20-20	Grey	5.5±0.2	BN, BU, GN/YE	1210180047	I	2	2	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU	1210180284	I	2	3	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU, GN/YE	1210180146	I	2	4	0.5 mm²	PVC CEI 2022 II O.R.	Grey	6.5±0.2	BN, BU, BK, GN/YE	1210180177	I	2	5	0.5 mm²	PVC CEI 2022 II O.R.	Grey	7.0 +0.3/-0	BN, BU, BK, WH, GN/YE	1210180022	N	2	2	0.5 mm²	PVC H03VV-F	Black	5.2±0.2	BN, BU	1202092753	N	2	3	0.5 mm²	PVC H03VV-F	Black	5.5±0.2	BN, BU, GN/YE	1210180153	N	2	4	0.5 mm²	PVC H03VV-F	Black	5.9±0.3	BN, BU, BK, GN/YE	1210180046	P	2	2	0.5 mm²	PUR - BLEND	Black	5.5±0.2	BN, BU	1202092439	P	2	3	0.5 mm²	PUR - BLEND	Black	5.5 +0.3/-0	BN, BU, GN/YE	1210180302	P	2	4	0.5 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, BK, GN/YE	1202092215	P	2	5	0.5 mm²	PUR - BLEND	Black	7+0.3/-0.1	BN, BU, BK, WH, GN/YE	1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU	1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Black	6.5±0.25	BN, BU, GN/YE	1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Black	7.0+0.3/-0	BN, BU, BK, GN/YE	1210180464	A	3	5	18 AWG	PVC CSA/UL 2661	Black	7.8±0.25	BN, BU, BK, WH, GN/YE	1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Black	6.2±0.2	BN, BU	1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Black	6.5±0.2	BN, BU, GN/YE	1210180160	B	3	4	18 AWG	PUR CSA/UL 20668	Black	7±0.2	BN, BU, BK, GN/YE	1210180463	B	3	5	18 AWG	PUR CSA/UL 20668	Black	7.8±0.25	BN, BU, BK, WH, GN/YE	1210180073	D	3	3	0.75 mm²	PVC CEI 20-20	Grey	6.5±0.2	BN, BU, GN/YE	1210180145	D	3	4	0.75 mm²	PVC CEI 20-20	Grey	7.1±0.2	BN, BU, BK, GN/YE	1202098206	I	3	2	0.75 mm²	PVC CEI 2022 II O.R.	Grey	5.5±0.2	BK1, BK2	1210180120	I	3	3	0.75 mm²	PVC CEI 2022 II O.R.	Grey	6.0±0.2	BK1, BK2, BK3	1210180143	I	3	4	0.75 mm²	PVC CEI 2022 II O.R.	Grey	7.0±0.2	BN, BU, BK, GN/YE	1210180032	N	3	2	0.75 mm²	PVC H05VV-F	Black	6.2±0.2	BN, BU	1210180069	N	3	3	0.75 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU, GN/YE	1210180144	N	3	4	0.75 mm²	PVC H05VV-F	Black	7.1±0.2	BN, BU, BK, GN/YE	1210180174	N	3	5	0.75 mm²	PVC H05VV-F	Black	8.0+0.2/-0	BN, BU, BK, GY, GN/YE	1202094190	P	3	2	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU	1210180071	P	3	3	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, GN/YE	1210180152	P	3	4	0.75 mm²	PUR - BLEND	Black	7.0±0.2	BN, BU, BK, GN/YE	<table><tr><th>Molex PN Raw cable</th><th>Cable type</th><th>Cable code</th><th>Wires no.</th><th>Cross Section</th><th>Jacket material</th><th>Jacket color</th><th>Diameter Ø [mm]</th><th>Wire colors</th></tr><tr><td>1210180384</td><td>R</td><td>3</td><td>3</td><td>0.75 mm²</td><td>TPR HAL. FREE</td><td>Black</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180094</td><td>T</td><td>3</td><td>3</td><td>0.75 mm²</td><td>PUR CSA/UL 20668</td><td>Yellow</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180309</td><td>Y</td><td>3</td><td>3</td><td>0.75 mm²</td><td>SILICONE RUBBER</td><td>Red</td><td>6.5±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180081</td><td>F</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC CNOMO</td><td>Grey</td><td>7.1+0.2/-0</td><td>BK1, BK2, GN/YE</td></tr><tr><td>1210180042</td><td>I</td><td>4</td><td>2</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.1+0.2/-0</td><td>BN, BU</td></tr><tr><td>1210180079</td><td>I</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC CEI 2022 II O.R.</td><td>Grey</td><td>7.1+0.2/-0</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180036</td><td>N</td><td>4</td><td>2</td><td>1 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.5±0.2</td><td>BN, BU</td></tr><tr><td>1210180082</td><td>N</td><td>4</td><td>3</td><td>1 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>6.9±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180117</td><td>R</td><td>4</td><td>3</td><td>1 mm²</td><td>TPR HAL. FREE</td><td>Black</td><td>7.1±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180085</td><td>N</td><td>5</td><td>3</td><td>1.5 mm²</td><td>PVC H05VV-F</td><td>Black</td><td>7.9±0.2</td><td>BN, BU, GN/YE</td></tr><tr><td>1210180313</td><td>I</td><td>6</td><td>2</td><td>0.35 mm²</td><td>PVC CEI 2011</td><td>Grey</td><td>4.8±0.2</td><td>BN, WH</td></tr><tr><td>1210180149</td><td>I</td><td>9</td><td>4</td><td>0.75 mm²</td><td>PVC CEI 2022 II</td><td>Grey</td><td>7.3±0.2</td><td>BN, BU, BK, GN/YE</td></tr></table>										Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors	1210180384	R	3	3	0.75 mm²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE	1210180094	T	3	3	0.75 mm²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE	1210180309	Y	3	3	0.75 mm²	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE	1210180081	F	4	3	1 mm²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE	1210180042	I	4	2	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU	1210180079	I	4	3	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE	1210180036	N	4	2	1 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU	1210180082	N	4	3	1 mm²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE	1210180117	R	4	3	1 mm²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE	1210180085	N	5	3	1.5 mm²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE	1210180313	I	6	2	0.35 mm²	PVC CEI 2011	Grey	4.8±0.2	BN, WH	1210180149	I	9	4	0.75 mm²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE
Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180080	I	0	3	1 mm²	PVC CEI 2022 II O.R.	Grey	6.4±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180467	A	2	2	20 AWG	PVC CSA/UL 2661	Black	5.4±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180128	A	2	3	20 AWG	PVC CSA/UL 2661	Black	5.6±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180394	A	2	4	20 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180297	B	2	2	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180126	B	2	3	20 AWG	PUR CSA/UL 20668	Black	5.6±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180387	B	2	4	20 AWG	PUR CSA/UL 20668	Black	6.3±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180122	D	2	3	0.5 mm²	PVC CEI 20-20	Grey	5.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180047	I	2	2	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180284	I	2	3	0.5 mm²	PVC CEI 2022 II O.R.	Grey	5.5+0.3/-0	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180146	I	2	4	0.5 mm²	PVC CEI 2022 II O.R.	Grey	6.5±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180177	I	2	5	0.5 mm²	PVC CEI 2022 II O.R.	Grey	7.0 +0.3/-0	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180022	N	2	2	0.5 mm²	PVC H03VV-F	Black	5.2±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202092753	N	2	3	0.5 mm²	PVC H03VV-F	Black	5.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180153	N	2	4	0.5 mm²	PVC H03VV-F	Black	5.9±0.3	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180046	P	2	2	0.5 mm²	PUR - BLEND	Black	5.5±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202092439	P	2	3	0.5 mm²	PUR - BLEND	Black	5.5 +0.3/-0	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180302	P	2	4	0.5 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202092215	P	2	5	0.5 mm²	PUR - BLEND	Black	7+0.3/-0.1	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180409	A	3	2	18 AWG	PVC CSA/UL 2661	Black	6.2±0.25	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180129	A	3	3	18 AWG	PVC CSA/UL 2661	Black	6.5±0.25	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180159	A	3	4	18 AWG	PVC CSA/UL 2661	Black	7.0+0.3/-0	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180464	A	3	5	18 AWG	PVC CSA/UL 2661	Black	7.8±0.25	BN, BU, BK, WH, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180351	B	3	2	18 AWG	PUR CSA/UL 20668	Black	6.2±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180127	B	3	3	18 AWG	PUR CSA/UL 20668	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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1210180073	D	3	3	0.75 mm²	PVC CEI 20-20	Grey	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180145	D	3	4	0.75 mm²	PVC CEI 20-20	Grey	7.1±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202098206	I	3	2	0.75 mm²	PVC CEI 2022 II O.R.	Grey	5.5±0.2	BK1, BK2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180120	I	3	3	0.75 mm²	PVC CEI 2022 II O.R.	Grey	6.0±0.2	BK1, BK2, BK3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180143	I	3	4	0.75 mm²	PVC CEI 2022 II O.R.	Grey	7.0±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180032	N	3	2	0.75 mm²	PVC H05VV-F	Black	6.2±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180069	N	3	3	0.75 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180144	N	3	4	0.75 mm²	PVC H05VV-F	Black	7.1±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180174	N	3	5	0.75 mm²	PVC H05VV-F	Black	8.0+0.2/-0	BN, BU, BK, GY, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1202094190	P	3	2	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180071	P	3	3	0.75 mm²	PUR - BLEND	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180152	P	3	4	0.75 mm²	PUR - BLEND	Black	7.0±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Molex PN Raw cable	Cable type	Cable code	Wires no.	Cross Section	Jacket material	Jacket color	Diameter Ø [mm]	Wire colors																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180384	R	3	3	0.75 mm²	TPR HAL. FREE	Black	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180094	T	3	3	0.75 mm²	PUR CSA/UL 20668	Yellow	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180309	Y	3	3	0.75 mm²	SILICONE RUBBER	Red	6.5±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180081	F	4	3	1 mm²	PVC CNOMO	Grey	7.1+0.2/-0	BK1, BK2, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180042	I	4	2	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180079	I	4	3	1 mm²	PVC CEI 2022 II O.R.	Grey	7.1+0.2/-0	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180036	N	4	2	1 mm²	PVC H05VV-F	Black	6.5±0.2	BN, BU																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180082	N	4	3	1 mm²	PVC H05VV-F	Black	6.9±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180117	R	4	3	1 mm²	TPR HAL. FREE	Black	7.1±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180085	N	5	3	1.5 mm²	PVC H05VV-F	Black	7.9±0.2	BN, BU, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180313	I	6	2	0.35 mm²	PVC CEI 2011	Grey	4.8±0.2	BN, WH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1210180149	I	9	4	0.75 mm²	PVC CEI 2022 II	Grey	7.3±0.2	BN, BU, BK, GN/YE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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	<table><tr><th>Code</th><th>Cable types</th><th>Features</th><th>Cable type Cross section</th></tr><tr><td>N</td><td>PVC</td><td>Application general purpose cable which has good resistance to water, but usually poor oil resistance.</td><td>N2=0.5 mm2 N3=0.75 mm2 N4=1 mm2</td></tr><tr><td>I</td><td>CEI</td><td>Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.</td><td>I2=0.5 mm2 I3=0.75 mm2 I4=1 mm2</td></tr><tr><td>P</td><td>PUR</td><td>Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.</td><td>P2=0.5 mm2 P3=0.75 mm2 P4=1 mm2</td></tr><tr><td>A</td><td>PVC CSA-UL</td><td>Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.</td><td>A2=20 AWG A3=18 AWG</td></tr><tr><td>B</td><td>PUR CSA-UL</td><td>Approved to CSA-UL 20668, very good resistance to oil and chemicals.</td><td>B2=20 AWG B3=18 AWG</td></tr></table>										Code	Cable types	Features	Cable type Cross section	N	PVC	Application general purpose cable which has good resistance to water, but usually poor oil resistance.	N2=0.5 mm2 N3=0.75 mm2 N4=1 mm2	I	CEI	Approved to IEC 332-2A, flame retardant and self extinguishing. Limited resistant to mineral oils.	I2=0.5 mm2 I3=0.75 mm2 I4=1 mm2	P	PUR	Offer good resistance to oil and chemicals. Can swell when constantly immersed in water.	P2=0.5 mm2 P3=0.75 mm2 P4=1 mm2	A	PVC CSA-UL	Approved to CSA-UL 2661, application general purpose cable which has good resistance to water, but usually poor oil resistance.	A2=20 AWG A3=18 AWG	B	PUR CSA-UL	Approved to CSA-UL 20668, very good resistance to oil and chemicals.	B2=20 AWG B3=18 AWG																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Pos.	Molex PN:	Engineering No.:
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2	1210400515	E452N3N30012000
3	1210400516	E452N3N50012000
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5	1210400519	E452P3N30012000
6	1210400755	E452N3N2001P000
7	1210400810	E452N3N15K12000
8	1210400861	E452N3N10011000
9	1210400896	E452A2A80012000
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11	1210400898	E452A2A70012000
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15	1210400909	E452A2A60012000
16	1210400957	E452N3N20012000
17	1210401237	W452P3N30012000
18	1210401242	W452N3N50012000
19	1210401265	W452N3N30012000
20	1210401291	W452N3N10012000
21	1210500294	E452A2A20011C4H
22	1210500295	E452A3A10011C42
23	1210500297	E452A3A30011C44
24	1210500298	E452A3A30011C4H
25	1210500299	E452A3A30012000
26	1210500301	E452A3A30012C4H
27	1210500302	E452A3A50012C4L
28	1210500311	E452B3A30012C4H
29	1210500312	E452B3A30012C4L
30	1210500313	E452B3A50012C4H
31	1210500314	E452B8N10012000
32	1210500339	E452F4N10K11S3B
33	1210500344	E452F4N20011S3B
34	1210500352	E452F4N50011S3B
35	1210500362	E452I0N20011C42
36	1210500375	E452I2N10011C4H
37	1210500376	E452I2N10011C72
38	1210500384	E452I2N20011C3H
39	1210500385	E452I2N20011C4H
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Pos.	Molex PN:	Engineering No.:
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43	1210500392	E452I2N30011C4H
44	1210500393	E452I2N30011C4L
45	1210500394	E452I2N30011C4M
46	1210500398	E452I2N50011C42
47	1210500399	E452I2N50011C4H
48	1210500407	E452I4G30011C4B
49	1210500408	E452I4G30011C4H
50	1210500414	E452I4G40011C4H
51	1210500417	E452I4G50011C4H
52	1210500424	E452I4N10011C42
53	1210500428	E452I4N10011C4H
54	1210500434	E452I4N10K11C4H
55	1210500435	E452I4N10K11C4L
56	1210500443	E452I4N15K11C4H
57	1210500448	E452I4N20011C3H
58	1210500452	E452I4N20011C4H
59	1210500455	E452I4N20011C7H
60	1210500465	E452I4N30011A1H
61	1210500467	E452I4N30011C3H
62	1210500468	E452I4N30011C42
63	1210500469	E452I4N30011C44
64	1210500473	E452I4N30011C4H
65	1210500474	E452I4N30011C4L
66	1210500475	E452I4N30011C4M
67	1210500478	E452I4N30011R2H
68	1210500479	E452I4N30011R2L
69	1210500480	E452I4N30011R2M
70	1210500481	E452I4N30011S0H
71	1210500486	E452I4N35011C45
72	1210500489	E452I4N40011C42
73	1210500492	E452I4N40011C4H
74	1210500498	E452I4N50011C3H
75	1210500499	E452I4N50011C42
76	1210500504	E452I4N50011C4H
77	1210500505	E452I4N50011C4L
78	1210500506	E452I4N50011C4M
79	1210500510	E452I4N50011R2L
80	1210500511	E452I4N50011S0H

Pos.	Molex PN:	Engineering No.:
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83	1210500520	E452I4N70011R2H
84	1210500522	E452I4N80011C4H
85	1210500524	E452I8N50011C4H
86	1210500548	E452N3N10011A11
87	1210500549	E452N3N10011C42
88	1210500551	E452N3N10011C45
89	1210500552	E452N3N10011C4B
90	1210500554	E452N3N10011C4H
91	1210500556	E452N3N10011R2H
92	1210500558	E452N3N10012C4H
93	1210500559	E452N3N10012C4L
94	1210500560	E452N3N10022C4L
95	1210500562	E452N3N10K11C42
96	1210500569	E452N3N10K11S02
97	1210500572	E452N3N10K11S0H
98	1210500575	E452N3N10K12C4H
99	1210500576	E452N3N10K12C4L
100	1210500582	E452N3N15011A11
101	1210500583	E452N3N15011A12
102	1210500584	E452N3N15011A15
103	1210500585	E452N3N15011C32
104	1210500591	E452N3N15012C4H
105	1210500594	E452N3N15022C4L
106	1210500599	E452N3N15K12C4H
107	1210500601	E452N3N20011A11
108	1210500602	E452N3N20011A12
109	1210500603	E452N3N20011A14
110	1210500606	E452N3N20011A1H
111	1210500612	E452N3N20011C42
112	1210500620	E452N3N20011C4H
113	1210500621	E452N3N20011C4L
114	1210500624	E452N3N20011R05
115	1210500627	E452N3N20011R2M
116	1210500636	E452N3N25011C42
117	1210500638	E452N3N25011C4H
118	1210500644	E452N3N30011A1H
119	1210500648	E452N3N30011C32
120	1210500649	E452N3N30011C41

Pos.	Molex PN:	Engineering No.:
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123	1210500652	E452N3N30011C45
124	1210500657	E452N3N30011C4H
125	1210500658	E452N3N30011C4L
126	1210500659	E452N3N30011C4M
127	1210500662	E452N3N30011R2H
128	1210500666	E452N3N30011S0D
129	1210500673	E452N3N30012C4H
130	1210500674	E452N3N30012C4L
131	1210500685	E452N3N35011A11
132	1210500689	E452N3N40011A12
133	1210500690	E452N3N40011C42
134	1210500691	E452N3N40011C44
135	1210500692	E452N3N40011C45
136	1210500693	E452N3N40011C4H
137	1210500696	E452N3N50011A1B
138	1210500702	E452N3N50011C42
139	1210500703	E452N3N50011C44
140	1210500705	E452N3N50011C4B
141	1210500707	E452N3N50011C4D
142	1210500708	E452N3N50011C4E
143	1210500709	E452N3N50011C4H
144	1210500711	E452N3N50011S02
145	1210500712	E452N3N50011S0D
146	1210500713	E452N3N50011S0H
147	1210500714	E452N3N50012C44
148	1210500715	E452N3N50012C4H
149	1210500716	E452N3N50012C4L
150	1210500722	E452N3N65021C42
151	1210500730	E452P2N04011C4H
152	1210500735	E452P2N07511C32
153	1210500737	E452P2N10011C4H
154	1210500739	E452P2N10K11C4H
155	1210500741	E452P2N10K11S0H
156	1210500742	E452P2N11011C4H
157	1210500747	E452P2N16011C4H
158	1210500748	E452P2N20011C4H
159	1210500755	E452P2N30011C4L
160	1210500759	E452P2N30011S0H

FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14	9	8
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FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
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F	TABLE 3 - PART LIST										F																				
E	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:																			
	321	1210502411	E452P3N10011R2E	361	1210502555	E452P3N40011C3H	401	1210502647	E452A2A30011C4H	441	1210502866	W452N3N2001RC4A																			
	322	1210502413	E452P2N50011C4M	362	1210502561	E452N2N20011A11	402	1210502648	E452N3N10011C41	442	1210502867	W452A3A5001RS0H																			
	323	1210502414	E452A3A50021000	363	1210502564	E452N3N10K1RA1H	403	1210502650	E452A3A10K1RS0H	443	1210502868	W452N3N5001RS0D																			
	324	1210502416	E452N2N20011C4H	364	1210502565	E452Y3N20011C42	404	1210502654	E452P1N50011C45	444	1210502869	W452N3N5001RC4E																			
	325	1210502417	E452R4N2001PC4M	365	1210502567	E452Y3N40011A12	405	1210502659	E452N3N40011R2H	445	1210502870	W452N3N5001RC4D																			
	326	1210502418	E452R4N2001PR2E	366	1210502568	E452B2B10011A12	406	1210502660	E452N2N30011A11	446	1210502871	W452N3N5001RC4B																			
	327	1210502419	E452N3N8001RA1H	367	1210502572	E452N3N05011C31	407	1210502662	E452P3N10K1PC4H	447	1210502872	W452N3N3001RC4E																			
	328	1210502438	E452I4N70011A1L	368	1210502575	E452B2A1502TC32	408	1210502664	E452N3N3001PC42	448	1210502874	W452N3N2001RC4H																			
	329	1210502441	E452I2N20011C7H	369	1210502577	E452N3N0501RC4B	409	1210502666	E452B3B50011C4H	449	1210502875	W452N3N2001RA1E																			
D	330	1210502447	E452I4N15011R22	370	1210502578	E452N3N12K1RA1H	410	1210502671	E452I2N15011C3H	450	1210502876	W452P3N5001RC42																			
	331	1210502471	E452N2N20011C42	371	1210502579	E452I4G80011C4H	411	1210502672	E452I2N40011C3H	451	1210502877	W452N3N2001RC3A																			
	332	1210502474	E452N3N15011C3A	372	1210502581	E452N2N20011A1H	412	1210502676	E452I2N20012S12	452	1210502878	W452N3N3001RC4C																			
	333	1210502475	E452N3N25011S0B	373	1210502584	E452N3N03011A12	413	1210502678	E452A3A3001RC42	453	1210502890	W452N3N5001RA1B																			
	334	1210502476	E452I4N90011C3H	374	1210502585	E452P3N5001PC4L	414	1210502679	E452P3N50011C4M	454	1210502892	W452N3N2001RC4E																			
	335	1210502479	E452Y3N40011C42	375	1210502586	E452P3N10011C4L	415	1210502680	E452N3N03011C42	455	1210502893	W452N3N5001RC3B																			
	336	1210502488	E452P3N30011C4M	376	1210502589	E452N3N5001PC4M	416	1210502681	E452N3N50011C3H	456	1210502894	W452P3N5001RC4B																			
	337	1210502492	E452Y3N20011A14	377	1210502590	E452I2N40011C4M	417	1210502682	E452P2N03011C4H	457	1210502908	W452N3N5001RC4C																			
	338	1210502495	E452A3A30012C4G	378	1210502596	E452P3N20012C4H	418	1210502683	E452P2N05011C4H	458	1210502909	W452N3N10K1RC4E																			
	339	1210502497	E452N3N4001RA1G	379	1210502599	E452P2N10K12C4B	419	1210502686	E452N2N15011C4B	459	1210502910	W452N3N10K1RC4C																			
C	340	1210502501	E452B3A30012C3H	380	1210502601	E452A2A30021C4H	420	1210502687	E452N3N10K1RC4H	460	1210502911	W452F4N5001RC4B																			
	341	1210502505	E452P2N15K11C4H	381	1210502605	E452P3N15K1PC4H	421	1210502690	E452N3N0501NC31	461	1210502914	W452N3N3001RR2M																			
	342	1210502507	E452N3N20014S04	382	1210502606	E452N3N2001PA1H	422	1210502706	W452N2N5001RC4B	462	1210502915	W452N3N5001RC4A																			
	343	1210502510	E452N3N1001RC4H	383	1210502607	E452D2N50011C4H	423	1210502712	W452I2N50011S0H	463	1210502916	E452N3N0501RC4A																			
	344	1210502518	E452A3A50011R2L	384	1210502609	E452N2N30011C45	424	1210502715	W452I2N10K11S0H	464	1210502922	W452I2N50011C7H																			
	345	1210502520	E452N3N2001PS02	385	1210502616	E452I2N60011C4M	425	1210502750	W452N3N3001RR2B	465	1210502923	W452I2N20011C7H																			
	346	1210502522	E452I4N60011C3H	386	1210502619	E452B3A3001PA1H	426	1210502751	W452N4N2001RS01	466	1210502924	W452I4N3006PC3B																			
	347	1210502523	E452P2N40011C3B	387	1210502620	E452B3A3001PA1L	427	1210502752	W452N3N2001R000	467	1210502925	W452I4N15K6PC3B																			
	348	1210502524	E452P2N20011C3B	388	1210502621	E452B3A3001PA1M	428	1210502753	W452N3N15K1RC4B	468	1210502934	W452N3N5001RC4H																			
	349	1210502525	E452Y3N20011A12	389	1210502624	E452P3N20011C4L	429	1210502755	W452N3N30011C45	469	1210502942	W452I2N10K6PC3B																			
B	350	1210502526	E452P3N0751PC4M	390	1210502627	E452I2N60011C4H	430	1210502758	W452I4N20011C7H	470	1210502953	W452I2N5006PC3B																			
	351	1210502527	E452I4N15011A1H	391	1210502632	E452I2N20011S12	431	1210502762	W452I4N20011C4L	471	1210502955	W452N3N10K1RC4D																			
	352	1210502530	E452I4G40011C42	392	1210502633	E452Y3N50011C42	432	1210502764	W452I4N20011C4M	472	1210502956	W452N3N30011C44																			
	353	1210502531	E452I4G50011C42	393	1210502634	E452I4N3001PR2M	433	1210502821	W452I4N50011C7H	473	1210502958	W452N3N2001RC3B																			
	354	1210502539	E452N3N12011C4M	394	1210502635	E452Y3N20011A15	434	1210502859	W452N3N10K1RC4B	474	1210502968	W452P3N10K1RS0H																			
	355	1210502540	E452A2A11K12000	395	1210502638	E452N3N25041C42	435	1210502860	W452F4N10K1RS0B	475	1210502970	W452F4N3001RC4B																			
	356	1210502543	E452P2N50011C4G	396	1210502639	E452A3A3001RC32	436	1210502861	W452A3A10K1RS0H	476	1210502973	E452I4G30011C42																			
	357	1210502548	E452I4G10K11C4H	397	1210502640	E452A3A10K1RC32	437	1210502862	W452N3N3001RC4D	477	1210502974	W452P3N3001RA1G																			
	358	1210502549	E452I4G15K11C4H	398	1210502641	E452A3A3001RC44	438	1210502863	W452N3N3001RC4B	478	1210502976	E452N3N10011C4L																			
	359	1210502551	E452N2N20011E05	399	1210502642	E452A3A10K1RC34	439	1210502864	W452N3N2001RR05	479	1210502977	E452N3N30011A11																			
A	360	1210502554	E452N3N5001PS02	400	1210502646	E452I4G30011C4L	440	1210502865	W452N3N2001RC4B	480	1210502982	E452A3A10012C4H																			
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS mm SCALE NTS GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>±</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr><tr><td>ANGULAR TOL</td><td>±</td><td>°</td></tr></table> DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS FIRST ANGLE PROJECTION DRAWING A3-SIZE SERIES 121050 CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA 2022/07/18 2022/07/19 2022/07/19 INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA 2012/08/27 2012/08/20 DOCUMENT NUMBER SD-121050-001 DOC TYPE PSD DOC PART 001 REVISION E1 MATERIAL NUMBER SEE TABLE CUSTOMER GENERAL MARKET SHEET NUMBER 6 OF 41 DOCUMENT STATUS P1 RELEASE DATE 2022/07/19 09:04:35												MM	INCH	4 PLACES	±	±	3 PLACES	±	±	2 PLACES	±	±	1 PLACE	±	±	0 PLACES	±	±	ANGULAR TOL	±	°
	MM	INCH																													
4 PLACES	±	±																													
3 PLACES	±	±																													
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1 PLACE	±	±																													
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ANGULAR TOL	±	°																													

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Pos.	Molex PN:	Engineering No.:
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602	1210503424	E452N2N2001RA1H
603	1210503435	E452R4N4001PR2E
604	1210503441	E452B2A1501PS3H
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606	1210503443	E452N3N10011D05
607	1210503444	E452P2N75011C4M
608	1210503445	E452P2N16K11C4M
609	1210503446	E452P2N22K11C4M
610	1210503463	E452N3N05011C41
611	1210503464	W452B2A1501PS3H
612	1210503467	E452N3N05011C4A
613	1210503481	E452N3N5001RS0H
614	1210503485	E452I4N1001PC3H
615	1210503490	E452N3N2001PC4B
616	1210503491	E452A3A30011C7H
617	1210503497	E452B2A10K1PC4H
618	1210503498	E452B2A3001PC4H
619	1210503499	E452B2A5001PC4H
620	1210503506	E452B2A10K1PC4L
621	1210503507	E452B2A3001PC4L
622	1210503508	E452B2A5001PC4L
623	1210503509	E452P3N30013C4D
624	1210503510	E452P3N30013R2D
625	1210503512	E452N3N10K1PC4H
626	1210503517	E452N2N1501PS0H
627	1210503520	W452P3N5001RC4D
628	1210503521	W452P3N5001RC4E
629	1210503522	E452P2N5001PS0H
630	1210510097	E452N10261E3552
631	1210510106	E452N30011C4214
632	1210510124	E452P10011C4HBH
633	1210510133	E452P20011C4HBH
634	1210510139	E452P30011C4HBH
635	2210500959	E452A2A10011000
636	2210500960	E452A2A10011A11
637	2210500961	E452A2A10011A12
638	2210500962	E452A2A10011A13
639	2210500963	E452A2A10011A14
640	2210500964	E452A2A10011A15

FORMAT: Met-legal
REVISION: E
DATE: 2020/01/14

TABLE 3 - PART LIST

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643	2210500967	E452A2A10011R04
644	2210500968	E452A2A10011R05
645	2210500969	E452A2A10011R0A
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647	2210500971	E452A2A10011R0C
648	2210500972	E452A2A10011R0D
649	2210500973	E452A2A10011R0E
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651	2210500975	E452A2A10011R0H
652	2210500976	E452A2A10011R0K
653	2210500977	E452A2A10011R0L
654	2210500978	E452A2A10011R0M
655	2210500979	E452A2A10011R21
656	2210500980	E452A2A10011R22
657	2210500981	E452A2A10011R23
658	2210500982	E452A2A10011R24
659	2210500983	E452A2A10011R25
660	2210500984	E452A2A10011R2A
661	2210500985	E452A2A10011R2B
662	2210500986	E452A2A10011R2C
663	2210500987	E452A2A10011R2D
664	2210500988	E452A2A10011R2E
665	2210500989	E452A2A10011R2G
666	2210500990	E452A2A10011R2H
667	2210500991	E452A2A10011R2K
668	2210500992	E452A2A10011R2L
669	2210500993	E452A2A10011R2M
670	2210500994	E452A2A10011S01
671	2210500995	E452A2A10011S02
672	2210500996	E452A2A10011S03
673	2210500997	E452A2A10011S04
674	2210500998	E452A2A10011S05
675	2210500999	E452A2A10011S0A
676	2210501000	E452A2A10011S0B
677	2210501001	E452A2A10011S0C
678	2210501002	E452A2A10011S0D
679	2210501003	E452A2A10011S0E
680	2210501008	E452A2A10011S0G

Pos.	Molex PN:	Engineering No.:
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691	N/A	N/A
692	N/A	N/A
693	N/A	N/A
694	N/A	N/A
695	2210501034	E452A2A10011R21
696	2210501035	E452A2A10011R22
697	2210501036	E452A2A10011R23
698	2210501037	E452A2A10011R24
699	2210501038	E452A2A10011R25
700	2210501039	E452A2A10011R2A
701	2210501040	E452A2A10011R2B
702	2210501041	E452A2A10011R2C
703	2210501042	E452A2A10011R2D
704	2210501043	E452A2A10011R2E
705	2210501044	E452A2A10011R2G
706	2210501045	E452A2A10011R2H
707	2210501046	E452A2A10011R2K
708	2210501047	E452A2A10011R2L
709	2210501048	E452A2A10011R2M
710	2210501049	E452A2A10011S01
711	2210501050	E452A2A10011S02
712	2210501051	E452A2A10011S03
713	2210501052	E452A2A10011S04
714	2210501053	E452A2A10011S05
715	2210501054	E452A2A10011S0A
716	2210501055	E452A2A10011S0B
717	2210501056	E452A2A10011S0C
718	2210501057	E452A2A10011S0D
719	2210501058	E452A2A10011S0E
720	2210501059	E452A2A10011S0G

Pos.	Molex PN:	Engineering No.:
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723	2210501062	E452A2A10011S0M
724	2210501063	E452A2A10K11000
725	2210501064	E452A2A10K11A11
726	2210501065	E452A2A10K11A12
727	2210501066	E452A2A10K11A13
728	2210501067	E452A2A10K11A14
729	2210501068	E452A2A10K11A15
730	2210501069	E452A2A10K11A1A
731	2210501070	E452A2A10K11A1B
732	2210501071	E452A2A10K11A1C
733	2210501072	E452A2A10K11A1D
734	2210501073	E452A2A10K11A1E
735	2210501074	E452A2A10K11A1G
736	2210501075	E452A2A10K11A1H
737	2210501076	E452A2A10K11A1K
738	2210501077	E452A2A10K11A1L
739	2210501078	E452A2A10K11A1M
740	2210501079	E452A2A10K11C31
741	2210501080	E452A2A10K11C32
742	2210501081	E452A2A10K11C33
743	2210501082	E452A2A10K11C34
744	2210501083	E452A2A10K11C35
745	2210501084	E452A2A10K11C3A
746	2210501085	E452A2A10K11C3B
747	2210501086	E452A2A10K11C3C
748	2210501087	E452A2A10K11C3D
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750	2210501089	E452A2A10K11C3G
751	2210501090	E452A2A10K11C3H
752	2210501091	E452A2A10K11C3K
753	2210501092	E452A2A10K11C3L
754	2210501093	E452A2A10K11C3M
755	2210501094	E452A2A10K11C41
756	2210501095	E452A2A10K11C42
757	2210501096	E452A2A10K11C43
758	2210501097	E452A2A10K11C44
759	2210501098	E452A2A10K11C45
760	2210501099	E452A2A10K11C4A

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763	2210501102	E452A2A10K11C4D
764	2210501103	E452A2A10K11C4E
765	2210501104	E452A2A10K11C4G
766	2210501105	E452A2A10K11C4H
767	2210501106	E452A2A10K11C4K
768	2210501107	E452A2A10K11C4L
769	2210501108	E452A2A10K11C4M
770	2210501113	E452A2A10K11E05
771	N/A	N/A
772	N/A	N/A
773	N/A	N/A
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775	2210501128	E452A2A10K11R05
776	N/A	N/A
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778	N/A	N/A
779	N/A	N/A
780	N/A	N/A
781	N/A	N/A
782	N/A	N/A
783	N/A	N/A
784	N/A	N/A
785	N/A	N/A
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787	2210501140	E452A2A10K11R22
788	2210501141	E452A2A10K11R23
789	2210501142	E452A2A10K11R24
790	2210501143	E452A2A10K11R25
791	2210501144	E452A2A10K11R2A
792	2210501145	E452A2A10K11R2B
793	2210501146	E452A2A10K11R2C
794	2210501147	E452A2A10K11R2D
795	2210501148	E452A2A10K11R2E
796	2210501149	E452A2A10K11R2G
797	2210501150	E452A2A10K11R2H
798	2210501151	E452A2A10K11R2K
799	2210501152	E452A2A10K11R2L
800	2210501153	E452A2A10K11R2M

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802	2210501155	E452A2A10K11S02
803	2210501156	E452A2A10K11S03
804	2210501157	E452A2A10K11S04
805	2210501158	E452A2A10K11S05
806	2210501159	E452A2A10K11S0A
807	2210501160	E452A2A10K11S0B
808	2210501161	E452A2A10K11S0C
809	2210501162	E452A2A10K11S0D
810	2210501163	E452A2A10K11S0E
811	2210501164	E452A2A10K11S0G
812	2210501165	E452A2A10K11S0K
813	2210501166	E452A2A10K11S0M
814	2210501167	E452A2A15011000
815	2210501168	E452A2A15011A11
816	2210501169	E452A2A15011A12
817	2210501170	E452A2A15011A13
818	2210501171	E452A2A15011A14
819	2210501172	E452A2A15011A15
820	2210501173	E452A2A15011A1A
821	2210501174	E452A2A15011A1B
822	2210501175	E452A2A15011A1C
823	2210501176	E452A2A15011A1D
824	2210501177	E452A2A15011A1E
825	2210501178	E452A2A15011A1G
826	2210501179	E452A2A15011A1H
827	2210501180	E452A2A15011A1K
828	2210501181	E452A2A15011A1L
829	2210501182	E452A2A15011A1M
830	2210501183	E452A2A15011C31
831	2210501184	E452A2A15011C32
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833	2210501186	E452A2A15011C34
834	2210501187	E452A2A15011C35
835	2210501188	E452A2A15011C3A
836	2210501189	E452A2A15011C3B
837	2210501190	E452A2A15011C3C
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FORMAT: Met-lega-master-lib-prod-A3
REVISION: E
DATE: 2020/01/14

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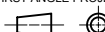
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex								
mm		NTS												
GENERAL TOLERANCES (UNLESS SPECIFIED)						E452XXXXXXXXXX DIN FORM A EN 175301-803								
	MM	INCH	EC NO: 714567 DRWN: SUGEEB2022/07/18 CHK'D: GGA2022/07/19 APPR: GGA2022/07/19		PRODUCT CUSTOMER DRAWING									
4 PLACES	±	±												
3 PLACES	±	±			DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
2 PLACES	±	±												
1 PLACE	±	±												
0 PLACES	±	±	INITIAL REVISION: DRWN: JMARSZALEK2012/08/27 APPR: MDYSZEWSKA2012/08/20		SD-121050-001				PSD		001		E1	
ANGULAR TOL		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			FIRST ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
			A3-SIZE		121050		SEE TABLE		GENERAL MARKET		8 OF 41			

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
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E

EEEEAA

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F	TABLE 3 - PART LIST										F																																																																																																																																																																
E	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:																																																																																																																																																															
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	1514	2210501979	E452A3A20011R2E	1554	2210502019	E452A3A30011C34	1594	2210502073	E452A3A30011R22	1634	2210502113	E452A3A50011A1K																																																																																																																																																															
	1515	2210501980	E452A3A20011R2G	1555	2210502020	E452A3A30011C35	1595	2210502074	E452A3A30011R23	1635	2210502114	E452A3A50011A1L																																																																																																																																																															
	1516	2210501981	E452A3A20011R2H	1556	2210502021	E452A3A30011C3A	1596	2210502075	E452A3A30011R24	1636	2210502115	E452A3A50011A1M																																																																																																																																																															
	1517	2210501982	E452A3A20011R2K	1557	2210502022	E452A3A30011C3B	1597	2210502076	E452A3A30011R25	1637	2210502116	E452A3A50011C31																																																																																																																																																															
	1518	2210501983	E452A3A20011R2L	1558	2210502023	E452A3A30011C3C	1598	2210502077	E452A3A30011R2A	1638	2210502117	E452A3A50011C32																																																																																																																																																															
	1519	2210501984	E452A3A20011R2M	1559	2210502024	E452A3A30011C3D	1599	2210502078	E452A3A30011R2B	1639	2210502118	E452A3A50011C33																																																																																																																																																															
A	1520	2210501985	E452A3A20011S01	1560	2210502025	E452A3A30011C3E	1600	2210502079	E452A3A30011R2C	1640	2210502119	E452A3A50011C34																																																																																																																																																															
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9		8		7		6		5		4		3		2		1																																																																																																																																																											

Pos.	Molex PN:	Engineering No.:
1761	2210502268	E452B2A10011R05
1762	N/A	N/A
1763	N/A	N/A
1764	N/A	N/A
1765	N/A	N/A
1766	N/A	N/A
1767	N/A	N/A
1768	N/A	N/A
1769	N/A	N/A
1770	N/A	N/A
1771	N/A	N/A
1772	2210502279	E452B2A10011R21
1773	2210502280	E452B2A10011R22
1774	2210502281	E452B2A10011R23
1775	2210502282	E452B2A10011R24
1776	2210502283	E452B2A10011R25
1777	2210502284	E452B2A10011R2A
1778	2210502285	E452B2A10011R2B
1779	2210502286	E452B2A10011R2C
1780	2210502287	E452B2A10011R2D
1781	2210502288	E452B2A10011R2E
1782	2210502289	E452B2A10011R2G
1783	2210502290	E452B2A10011R2H
1784	2210502291	E452B2A10011R2K
1785	2210502292	E452B2A10011R2L
1786	2210502293	E452B2A10011R2M
1787	2210502294	E452B2A10011S01
1788	2210502295	E452B2A10011S02
1789	2210502296	E452B2A10011S03
1790	2210502297	E452B2A10011S04
1791	2210502298	E452B2A10011S05
1792	2210502299	E452B2A10011S0A
1793	2210502300	E452B2A10011S0B
1794	2210502301	E452B2A10011S0C
1795	2210502302	E452B2A10011S0D
1796	2210502303	E452B2A10011S0E
1797	2210502304	E452B2A10011S0G
1798	2210502305	E452B2A10011S0H
1799	2210502306	E452B2A10011S0K
1800	2210502307	E452B2A10011S0L

FORMAT: Mat-lega-master-ib-prod-A3 REVISION: E DATE: 2026/01/14								
9	8	7	6	5	4	3	2	1

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TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
1801	2210502308	E452B2A10011S0M
1802	2210502309	E452B2A10K11000
1803	2210502310	E452B2A10K11A11
1804	2210502311	E452B2A10K11A12
1805	2210502312	E452B2A10K11A13
1806	2210502313	E452B2A10K11A14
1807	2210502314	E452B2A10K11A15
1808	2210502315	E452B2A10K11A1A
1809	2210502316	E452B2A10K11A1B
1810	2210502317	E452B2A10K11A1C
1811	2210502318	E452B2A10K11A1D
1812	2210502319	E452B2A10K11A1E
1813	2210502320	E452B2A10K11A1G
1814	2210502321	E452B2A10K11A1H
1815	2210502322	E452B2A10K11A1K
1816	2210502323	E452B2A10K11A1L
1817	2210502324	E452B2A10K11A1M
1818	2210502325	E452B2A10K11C31
1819	2210502326	E452B2A10K11C32
1820	2210502327	E452B2A10K11C33
1821	2210502328	E452B2A10K11C34
1822	2210502329	E452B2A10K11C35
1823	2210502330	E452B2A10K11C3A
1824	2210502331	E452B2A10K11C3B
1825	2210502332	E452B2A10K11C3C
1826	2210502333	E452B2A10K11C3D
1827	2210502334	E452B2A10K11C3E
1828	2210502335	E452B2A10K11C3G
1829	2210502336	E452B2A10K11C3H
1830	2210502337	E452B2A10K11C3K
1831	2210502338	E452B2A10K11C3L
1832	2210502339	E452B2A10K11C3M
1833	2210502340	E452B2A10K11C41
1834	2210502341	E452B2A10K11C42
1835	2210502342	E452B2A10K11C43
1836	2210502343	E452B2A10K11C44
1837	2210502344	E452B2A10K11C45
1838	2210502345	E452B2A10K11C4A
1839	2210502346	E452B2A10K11C4B
1840	2210502347	E452B2A10K11C4C

Pos.	Molex PN:	Engineering No.:
1841	2210502348	E452B2A10K11C4D
1842	2210502349	E452B2A10K11C4E
1843	2210502350	E452B2A10K11C4G
1844	2210502351	E452B2A10K11C4H
1845	2210502352	E452B2A10K11C4K
1846	2210502353	E452B2A10K11C4L
1847	2210502354	E452B2A10K11C4M
1848	2210502359	E452B2A10K11E05
1849	N/A	N/A
1850	N/A	N/A
1851	N/A	N/A
1852	N/A	N/A
1853	2210502374	E452B2A10K11R05
1854	N/A	N/A
1855	N/A	N/A
1856	N/A	N/A
1857	N/A	N/A
1858	N/A	N/A
1859	N/A	N/A
1860	N/A	N/A
1861	N/A	N/A
1862	N/A	N/A
1863	N/A	N/A
1864	2210502385	E452B2A10K11R21
1865	2210502386	E452B2A10K11R22
1866	2210502387	E452B2A10K11R23
1867	2210502388	E452B2A10K11R24
1868	2210502389	E452B2A10K11R25
1869	2210502390	E452B2A10K11R2A
1870	2210502391	E452B2A10K11R2B
1871	2210502392	E452B2A10K11R2C
1872	2210502393	E452B2A10K11R2D
1873	2210502394	E452B2A10K11R2E
1874	2210502395	E452B2A10K11R2G
1875	2210502396	E452B2A10K11R2H
1876	2210502397	E452B2A10K11R2K
1877	2210502398	E452B2A10K11R2L
1878	2210502399	E452B2A10K11R2M
1879	2210502400	E452B2A10K11S01
1880	2210502401	E452B2A10K11S02

Pos.	Molex PN:	Engineering No.:
1881	2210502402	E452B2A10K11S03
1882	2210502403	E452B2A10K11S04
1883	2210502404	E452B2A10K11S05
1884	2210502405	E452B2A10K11S0A
1885	2210502406	E452B2A10K11S0B
1886	2210502407	E452B2A10K11S0C
1887	2210502408	E452B2A10K11S0D
1888	2210502409	E452B2A10K11S0E
1889	2210502410	E452B2A10K11S0G
1890	2210502411	E452B2A10K11S0H
1891	2210502412	E452B2A10K11S0K
1892	2210502413	E452B2A10K11S0L
1893	2210502414	E452B2A10K11S0M
1894	2210502415	E452B2A15011000
1895	2210502416	E452B2A15011A11
1896	2210502417	E452B2A15011A12
1897	2210502418	E452B2A15011A13
1898	2210502419	E452B2A15011A14
1899	2210502420	E452B2A15011A15
1900	2210502421	E452B2A15011A1A
1901	2210502422	E452B2A15011A1B
1902	2210502423	E452B2A15011A1C
1903	2210502424	E452B2A15011A1D
1904	2210502425	E452B2A15011A1E
1905	2210502426	E452B2A15011A1G
1906	2210502427	E452B2A15011A1H
1907	2210502428	E452B2A15011A1K
1908	2210502429	E452B2A15011A1L
1909	2210502430	E452B2A15011A1M
1910	2210502431	E452B2A15011C31
1911	2210502432	E452B2A15011C32
1912	2210502433	E452B2A15011C33
1913	2210502434	E452B2A15011C34
1914	2210502435	E452B2A15011C35
1915	2210502436	E452B2A15011C3A
1916	2210502437	E452B2A15011C3B
1917	2210502438	E452B2A15011C3C
1918	2210502439	E452B2A15011C3D
1919	2210502440	E452B2A15011C3E
1920	2210502441	E452B2A15011C3G

Pos.	Molex PN:	Engineering No.:
1921	2210502442	E452B2A15011C3H
1922	2210502443	E452B2A15011C3K
1923	2210502444	E452B2A15011C3L
1924	2210502445	E452B2A15011C3M
1925	2210502446	E452B2A15011C41
1926	2210502447	E452B2A15011C42
1927	2210502448	E452B2A15011C43
1928	2210502449	E452B2A15011C44
1929	2210502450	E452B2A15011C45
1930	2210502451	E452B2A15011C4A
1931	2210502452	E452B2A15011C4B
1932	2210502453	E452B2A15011C4C
1933	2210502454	E452B2A15011C4D
1934	2210502455	E452B2A15011C4E
1935	2210502456	E452B2A15011C4G
1936	2210502457	E452B2A15011C4H
1937	2210502458	E452B2A15011C4K
1938	2210502459	E452B2A15011C4L
1939	2210502460	E452B2A15011C4M
1940	2210502465	E452B2A15011E05
1941	N/A	N/A
1942	N/A	N/A
1943	N/A	N/A
1944	N/A	N/A
1945	2210502480	E452B2A15011R05
1946	N/A	N/A
1947	N/A	N/A
1948	N/A	N/A
1949	N/A	N/A
1950	N/A	N/A
1951	N/A	N/A
1952	N/A	N/A
1953	N/A	N/A
1954	N/A	N/A
1955	N/A	N/A
1956	2210502491	E452B2A15011R21
1957	2210502492	E452B2A15011R22
1958	2210502493	E452B2A15011R23
1959	2210502494	E452B2A15011R24
1960	2210502495	E452B2A15011R25

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DOCUMENT STATUS

P1

RELEASE DATE

2022/07/19

09:04:35

FORMAT: Met-lega-master-ib-prod-A3

REVISION: E

DATE: 2020/01/14

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

MM

INCH

4 PLACES

±

±

3 PLACES

±

±

2 PLACES

±

±

1 PLACE

±

±

0 PLACES

±

±

ANGULAR TOL

±

°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

121050

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

15 OF 41

CURRENT REV DESC: REVISION CREATED FOR
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

2012/08/27

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

molex

E452XXXXXXXXXX

DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
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FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
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TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
2761	2210503408	E452B3A50011C4L
2762	2210503409	E452B3A50011C4M
2763	2210503414	E452B3A50011E05
2764	N/A	N/A
2765	N/A	N/A
2766	N/A	N/A
2767	N/A	N/A
2768	2210503429	E452B3A50011R05
2769	N/A	N/A
2770	N/A	N/A
2771	N/A	N/A
2772	N/A	N/A
2773	N/A	N/A
2774	N/A	N/A
2775	N/A	N/A
2776	N/A	N/A
2777	N/A	N/A
2778	N/A	N/A
2779	2210503440	E452B3A50011R21
2780	2210503441	E452B3A50011R22
2781	2210503442	E452B3A50011R23
2782	2210503443	E452B3A50011R24
2783	2210503444	E452B3A50011R25
2784	2210503445	E452B3A50011R2A
2785	2210503446	E452B3A50011R2B
2786	2210503447	E452B3A50011R2C
2787	2210503448	E452B3A50011R2D
2788	2210503449	E452B3A50011R2E
2789	2210503450	E452B3A50011R2G
2790	2210503451	E452B3A50011R2H
2791	2210503452	E452B3A50011R2K
2792	2210503453	E452B3A50011R2L
2793	2210503454	E452B3A50011R2M
2794	2210503455	E452B3A50011S01
2795	2210503456	E452B3A50011S02
2796	2210503457	E452B3A50011S03
2797	2210503458	E452B3A50011S04
2798	2210503459	E452B3A50011S05
2799	2210503460	E452B3A50011S0A
2800	2210503461	E452B3A50011S0B

Pos.	Molex PN:	Engineering No.:
2801	2210503462	E452B3A50011S0C
2802	2210503463	E452B3A50011S0D
2803	2210503464	E452B3A50011S0E
2804	2210503465	E452B3A50011S0G
2805	2210503466	E452B3A50011S0H
2806	2210503467	E452B3A50011S0K
2807	2210503468	E452B3A50011S0L
2808	2210503469	E452B3A50011S0M
2809	2210503470	E452I2N20011A11
2810	2210503471	E452I2N20011A12
2811	2210503472	E452I2N20011A13
2812	2210503473	E452I2N20011A14
2813	2210503474	E452I2N20011A15
2814	2210503475	E452I2N20011A1A
2815	2210503476	E452I2N20011A1B
2816	2210503477	E452I2N20011A1C
2817	2210503478	E452I2N20011A1D
2818	2210503479	E452I2N20011A1E
2819	2210503480	E452I2N20011A1G
2820	2210503481	E452I2N20011A1H
2821	2210503482	E452I2N20011A1K
2822	2210503483	E452I2N20011A1L
2823	2210503484	E452I2N20011A1M
2824	2210503485	E452I2N20011C31
2825	2210503486	E452I2N20011C32
2826	2210503487	E452I2N20011C33
2827	2210503488	E452I2N20011C34
2828	2210503489	E452I2N20011C35
2829	2210503490	E452I2N20011C3A
2830	2210503491	E452I2N20011C3B
2831	2210503492	E452I2N20011C3C
2832	2210503493	E452I2N20011C3D
2833	2210503494	E452I2N20011C3E
2834	2210503495	E452I2N20011C3G
2835	2210503497	E452I2N20011C3K
2836	2210503498	E452I2N20011C3L
2837	2210503499	E452I2N20011C3M
2838	2210503501	E452I2N10011000
2839	2210503502	E452I2N10011A11
2840	2210503503	E452I2N10011A12

Pos.	Molex PN:	Engineering No.:
2841	2210503504	E452I2N10011A13
2842	2210503505	E452I2N10011A14
2843	2210503506	E452I2N10011A15
2844	2210503507	E452I2N10011A1A
2845	2210503508	E452I2N10011A1B
2846	2210503509	E452I2N10011A1C
2847	2210503510	E452I2N10011A1D
2848	2210503511	E452I2N10011A1E
2849	2210503512	E452I2N10011A1G
2850	2210503513	E452I2N10011A1H
2851	2210503514	E452I2N10011A1K
2852	2210503515	E452I2N10011A1L
2853	2210503516	E452I2N10011A1M
2854	2210503517	E452I2N10011C31
2855	2210503518	E452I2N10011C32
2856	2210503519	E452I2N10011C33
2857	2210503520	E452I2N10011C34
2858	2210503521	E452I2N10011C35
2859	2210503522	E452I2N10011C3A
2860	2210503523	E452I2N10011C3B
2861	2210503524	E452I2N10011C3C
2862	2210503525	E452I2N10011C3D
2863	2210503526	E452I2N10011C3E
2864	2210503527	E452I2N10011C3G
2865	2210503528	E452I2N10011C3H
2866	2210503529	E452I2N10011C3K
2867	2210503530	E452I2N10011C3L
2868	2210503531	E452I2N10011C3M
2869	2210503532	E452I2N10011C41
2870	2210503533	E452I2N10011C43
2871	2210503534	E452I2N10011C44
2872	2210503535	E452I2N10011C45
2873	2210503536	E452I2N10011C4A
2874	2210503537	E452I2N10011C4B
2875	2210503538	E452I2N10011C4C
2876	2210503539	E452I2N10011C4D
2877	2210503540	E452I2N10011C4E
2878	2210503541	E452I2N10011C4G
2879	2210503542	E452I2N10011C4K
2880	2210503543	E452I2N10011C4L

Pos.	Molex PN:	Engineering No.:
2881	2210503544	E452I2N10011C4M
2882	2210503549	E452I2N10011E05
2883	N/A	N/A
2884	N/A	N/A
2885	N/A	N/A
2886	N/A	N/A
2887	2210503564	E452I2N10011R05
2888	N/A	N/A
2889	N/A	N/A
2890	N/A	N/A
2891	N/A	N/A
2892	N/A	N/A
2893	N/A	N/A
2894	N/A	N/A
2895	N/A	N/A
2896	N/A	N/A
2897	N/A	N/A
2898	2210503575	E452I2N10011R21
2899	2210503576	E452I2N10011R22
2900	2210503577	E452I2N10011R23
2901	2210503578	E452I2N10011R24
2902	2210503579	E452I2N10011R25
2903	2210503580	E452I2N10011R2A
2904	2210503581	E452I2N10011R2B
2905	2210503582	E452I2N10011R2C
2906	2210503583	E452I2N10011R2D
2907	2210503584	E452I2N10011R2E
2908	2210503585	E452I2N10011R2G
2909	2210503586	E452I2N10011R2H
2910	2210503587	E452I2N10011R2K
2911	2210503588	E452I2N10011R2L
2912	2210503589	E452I2N10011R2M
2913	2210503590	E452I2N10011S01
2914	2210503591	E452I2N10011S02
2915	2210503592	E452I2N10011S03
2916	2210503593	E452I2N10011S04
2917	2210503594	E452I2N10011S05
2918	2210503595	E452I2N10011S0A
2919	2210503596	E452I2N10011S0B
2920	2210503597	E452I2N10011S0C

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC: REVISION CREATED FOR
REMOVING PRE-RELEASE STAMP

EC NO: 714567
DRWN: SUGEEB
CHK'D: GGA
APPR: GGA

2022/07/18
2022/07/19
2022/07/19

INITIAL REVISION:
DRWN: JMARSZALEK
APPR: MDYSZEWSKA

2012/08/27
2012/08/20

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

21 OF 41

A3-SIZE

121050

10	9	8	7	6	5	4	3	2	1
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TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
2921	2210503598	E452I2N10011S0D
2922	2210503599	E452I2N10011S0E
2923	2210503600	E452I2N10011S0G
2924	2210503601	E452I2N10011S0H
2925	2210503602	E452I2N10011S0K
2926	2210503603	E452I2N10011S0L
2927	2210503604	E452I2N10011S0M
2928	2210503605	E452I2N10K11000
2929	2210503606	E452I2N10K11A11
2930	2210503607	E452I2N10K11A12
2931	2210503608	E452I2N10K11A13
2932	2210503609	E452I2N10K11A14
2933	2210503610	E452I2N10K11A15
2934	2210503611	E452I2N10K11A1A
2935	2210503612	E452I2N10K11A1B
2936	2210503613	E452I2N10K11A1C
2937	2210503614	E452I2N10K11A1D
2938	2210503615	E452I2N10K11A1E
2939	2210503616	E452I2N10K11A1G
2940	2210503617	E452I2N10K11A1H
2941	2210503618	E452I2N10K11A1K
2942	2210503619	E452I2N10K11A1L
2943	2210503620	E452I2N10K11A1M
2944	2210503621	E452I2N10K11C31
2945	2210503622	E452I2N10K11C32
2946	2210503623	E452I2N10K11C33
2947	2210503624	E452I2N10K11C34
2948	2210503625	E452I2N10K11C35
2949	2210503626	E452I2N10K11C3A
2950	2210503627	E452I2N10K11C3B
2951	2210503628	E452I2N10K11C3C
2952	2210503629	E452I2N10K11C3D
2953	2210503630	E452I2N10K11C3E
2954	2210503631	E452I2N10K11C3G
2955	2210503632	E452I2N10K11C3H
2956	2210503633	E452I2N10K11C3K
2957	2210503634	E452I2N10K11C3L
2958	2210503635	E452I2N10K11C3M
2959	2210503636	E452I2N10K11C41
2960	2210503637	E452I2N10K11C42

Pos.	Molex PN:	Engineering No.:
2961	2210503638	E452I2N10K11C43
2962	2210503639	E452I2N10K11C44
2963	2210503640	E452I2N10K11C45
2964	2210503641	E452I2N10K11C4A
2965	2210503642	E452I2N10K11C4B
2966	2210503643	E452I2N10K11C4C
2967	2210503644	E452I2N10K11C4D
2968	2210503645	E452I2N10K11C4E
2969	2210503646	E452I2N10K11C4G
2970	2210503647	E452I2N10K11C4K
2971	2210503648	E452I2N10K11C4L
2972	2210503649	E452I2N10K11C4M
2973	2210503654	E452I2N10K11E05
2974	N/A	N/A
2975	N/A	N/A
2976	N/A	N/A
2977	N/A	N/A
2978	2210503669	E452I2N10K11R05
2979	N/A	N/A
2980	N/A	N/A
2981	N/A	N/A
2982	N/A	N/A
2983	N/A	N/A
2984	N/A	N/A
2985	N/A	N/A
2986	N/A	N/A
2987	N/A	N/A
2988	N/A	N/A
2989	2210503680	E452I2N10K11R21
2990	2210503681	E452I2N10K11R22
2991	2210503682	E452I2N10K11R23
2992	2210503683	E452I2N10K11R24
2993	2210503684	E452I2N10K11R25
2994	2210503685	E452I2N10K11R2A
2995	2210503686	E452I2N10K11R2B
2996	2210503687	E452I2N10K11R2C
2997	2210503688	E452I2N10K11R2D
2998	2210503689	E452I2N10K11R2E
2999	2210503690	E452I2N10K11R2G
3000	2210503691	E452I2N10K11R2H

Pos.	Molex PN:	Engineering No.:
3001	2210503692	E452I2N10K11R2K
3002	2210503693	E452I2N10K11R2L
3003	2210503694	E452I2N10K11R2M
3004	2210503695	E452I2N10K11S01
3005	2210503696	E452I2N10K11S02
3006	2210503697	E452I2N10K11S03
3007	2210503698	E452I2N10K11S04
3008	2210503699	E452I2N10K11S05
3009	2210503700	E452I2N10K11S0A
3010	2210503701	E452I2N10K11S0B
3011	2210503702	E452I2N10K11S0C
3012	2210503703	E452I2N10K11S0D
3013	2210503704	E452I2N10K11S0E
3014	2210503705	E452I2N10K11S0G
3015	2210503706	E452I2N10K11S0H
3016	2210503707	E452I2N10K11S0K
3017	2210503708	E452I2N10K11S0L
3018	2210503709	E452I2N10K11S0M
3019	2210503710	E452I2N15011000
3020	2210503711	E452I2N15011A11
3021	2210503712	E452I2N15011A12
3022	2210503713	E452I2N15011A13
3023	2210503714	E452I2N15011A14
3024	2210503715	E452I2N15011A15
3025	2210503716	E452I2N15011A1A
3026	2210503717	E452I2N15011A1B
3027	2210503718	E452I2N15011A1C
3028	2210503719	E452I2N15011A1D
3029	2210503720	E452I2N15011A1E
3030	2210503721	E452I2N15011A1G
3031	2210503722	E452I2N15011A1H
3032	2210503723	E452I2N15011A1K
3033	2210503724	E452I2N15011A1L
3034	2210503725	E452I2N15011A1M
3035	2210503726	E452I2N15011C31
3036	2210503727	E452I2N15011C32
3037	2210503728	E452I2N15011C33
3038	2210503729	E452I2N15011C34
3039	2210503730	E452I2N15011C35
3040	2210503731	E452I2N15011C3A

Pos.	Molex PN:	Engineering No.:
3041	2210503732	E452I2N15011C3B
3042	2210503733	E452I2N15011C3C
3043	2210503734	E452I2N15011C3D
3044	2210503735	E452I2N15011C3E
3045	2210503736	E452I2N15011C3G
3046	2210503737	E452I2N15011C3K
3047	2210503738	E452I2N15011C3L
3048	2210503739	E452I2N15011C3M
3049	2210503740	E452I2N15011C41
3050	2210503741	E452I2N15011C42
3051	2210503742	E452I2N15011C43
3052	2210503743	E452I2N15011C44
3053	2210503744	E452I2N15011C45
3054	2210503745	E452I2N15011C4A
3055	2210503746	E452I2N15011C4B
3056	2210503747	E452I2N15011C4C
3057	2210503748	E452I2N15011C4D
3058	2210503749	E452I2N15011C4E
3059	2210503750	E452I2N15011C4G
3060	2210503751	E452I2N15011C4H
3061	2210503752	E452I2N15011C4K
3062	2210503753	E452I2N15011C4L
3063	2210503754	E452I2N15011C4M
3064	2210503759	E452I2N15011E05
3065	N/A	N/A
3066	N/A	N/A
3067	N/A	N/A
3068	N/A	N/A
3069	2210503774	E452I2N15011R05
3070	N/A	N/A
3071	N/A	N/A
3072	N/A	N/A
3073	N/A	N/A
3074	N/A	N/A
3075	N/A	N/A
3076	N/A	N/A
3077	N/A	N/A
3078	N/A	N/A
3079	N/A	N/A
3080	2210503785	E452I2N15011R21

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

121050

CURRENT REV DESC: REVISION CREATED FOR
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

molex

E452XXXXXXXXXX

DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

22 OF 41

10	9	8	7	6	5	4	3	2	1
TABLE 3 - PART LIST									
Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	
3081	2210503786	E452I2N15011R22	3121	2210503826	E452I2N20011C4G	3161	2210503879	E452I2N20011S0A	
3082	2210503787	E452I2N15011R23	3122	2210503827	E452I2N20011C4K	3162	2210503880	E452I2N20011S0B	
3083	2210503788	E452I2N15011R24	3123	2210503828	E452I2N20011C4L	3163	2210503881	E452I2N20011S0C	
3084	2210503789	E452I2N15011R25	3124	2210503829	E452I2N20011C4M	3164	2210503882	E452I2N20011S0D	
3085	2210503790	E452I2N15011R2A	3125	2210503833	E452I2N20011E05	3165	2210503883	E452I2N20011S0E	
3086	2210503791	E452I2N15011R2B	3126	N/A	N/A	3166	2210503884	E452I2N20011S0G	
3087	2210503792	E452I2N15011R2C	3127	N/A	N/A	3167	2210503885	E452I2N20011S0H	
3088	2210503793	E452I2N15011R2D	3128	N/A	N/A	3168	2210503886	E452I2N20011S0K	
3089	2210503794	E452I2N15011R2E	3129	N/A	N/A	3169	2210503887	E452I2N20011S0L	
3090	2210503795	E452I2N15011R2G	3130	2210503848	E452I2N20011R05	3170	2210503888	E452I2N20011S0M	
3091	2210503796	E452I2N15011R2H	3131	N/A	N/A	3171	2210503889	E452I2N20011S0M	
3092	2210503797	E452I2N15011R2K	3132	N/A	N/A	3172	2210503890	E452I2N30011000	
3093	2210503798	E452I2N15011R2L	3133	N/A	N/A	3173	2210503891	E452I2N30011A11	
3094	2210503799	E452I2N15011R2M	3134	N/A	N/A	3174	2210503892	E452I2N30011A12	
3095	2210503800	E452I2N15011S01	3135	N/A	N/A	3175	2210503893	E452I2N30011A13	
3096	2210503801	E452I2N15011S02	3136	N/A	N/A	3176	2210503894	E452I2N30011A14	
3097	2210503802	E452I2N15011S03	3137	N/A	N/A	3177	2210503895	E452I2N30011A15	
3098	2210503803	E452I2N15011S04	3138	N/A	N/A	3178	2210503896	E452I2N30011A1A	
3099	2210503804	E452I2N15011S05	3139	N/A	N/A	3179	2210503897	E452I2N30011A1B	
3100	2210503805	E452I2N15011S0A	3140	N/A	N/A	3180	2210503897	E452I2N30011A1C	
3101	2210503806	E452I2N15011S0B	3141	2210503859	E452I2N20011R21	3181	2210503898	E452I2N30011A1D	
3102	2210503807	E452I2N15011S0C	3142	2210503860	E452I2N20011R22	3182	2210503899	E452I2N30011A1E	
3103	2210503808	E452I2N15011S0D	3143	2210503861	E452I2N20011R23	3183	2210503900	E452I2N30011A1G	
3104	2210503809	E452I2N15011S0E	3144	2210503862	E452I2N20011R24	3184	2210503901	E452I2N30011A1H	
3105	2210503810	E452I2N15011S0F	3145	2210503863	E452I2N20011R25	3185	2210503902	E452I2N30011A1I	
3106	2210503811	E452I2N15011S0G	3146	2210503864	E452I2N20011R2A	3186	2210503903	E452I2N30011A1J	
3107	2210503812	E452I2N15011S0H	3147	2210503865	E452I2N20011R2B	3187	2210503904	E452I2N30011A1K	
3108	2210503813	E452I2N15011S0I	3148	2210503866	E452I2N20011R2C	3188	2210503905	E452I2N30011A1L	
3109	2210503814	E452I2N15011S0J	3149	2210503867	E452I2N20011R2D	3189	2210503906	E452I2N30011A1M	
3110	2210503815	E452I2N15011S0K	3150	2210503868	E452I2N20011R2E	3190	2210503907	E452I2N30011A1N	
3111	2210503816	E452I2N20011C41	3151	2210503869	E452I2N20011R2F	3191	2210503908	E452I2N30011A1O	
3112	2210503817	E452I2N20011C42	3152	2210503870	E452I2N20011R2G	3192	2210503909	E452I2N30011A1P	
3113	2210503818	E452I2N20011C43	3153	2210503871	E452I2N20011R2H	3193	2210503910	E452I2N30011A1Q	
3114	2210503819	E452I2N20011C44	3154	2210503872	E452I2N20011R2I	3194	2210503911	E452I2N30011A1R	
3115	2210503820	E452I2N20011C45	3155	2210503873	E452I2N20011R2J	3195	2210503912	E452I2N30011A1S	
3116	2210503821	E452I2N20011C4A	3156	2210503874	E452I2N20011S01	3196	2210503913	E452I2N30011A1T	
3117	2210503822	E452I2N20011C4B	3157	2210503875	E452I2N20011S02	3197	2210503914	E452I2N30011A1U	
3118	2210503823	E452I2N20011C4C	3158	2210503876	E452I2N20011S03	3198	2210503915	E452I2N30011A1V	
3119	2210503824	E452I2N20011C4D	3159	2210503877	E452I2N20011S04	3199	2210503916	E452I2N30011A1W	
3120	2210503825	E452I2N20011C4E	3160	2210503878	E452I2N20011S05	3200	2210503917	E452I2N30011A1X	
				2210503879	E452I2N20011S0A		2210503918	E452I2N30011A1Y	
						</			

TABLE 3 - PART LIST

Pos.	Molex PN:	Engineering No.:
3561	2210504335	E452I4N15011C4C
3562	2210504336	E452I4N15011C4D
3563	2210504337	E452I4N15011C4E
3564	2210504338	E452I4N15011C4G
3565	2210504339	E452I4N15011C4K
3566	2210504340	E452I4N15011C4L
3567	2210504341	E452I4N15011C4M
3568	2210504346	E452I4N15011E05
3569	N/A	N/A
3570	N/A	N/A
3571	N/A	N/A
3572	N/A	N/A
3573	2210504361	E452I4N15011R05
3574	N/A	N/A
3575	N/A	N/A
3576	N/A	N/A
3577	N/A	N/A
3578	N/A	N/A
3579	N/A	N/A
3580	N/A	N/A
3581	N/A	N/A
3582	N/A	N/A
3583	N/A	N/A
3584	2210504372	E452I4N15011R21
3585	2210504373	E452I4N15011R23
3586	2210504374	E452I4N15011R24
3587	2210504375	E452I4N15011R25
3588	2210504376	E452I4N15011R2A
3589	2210504377	E452I4N15011R2B
3590	2210504378	E452I4N15011R2C
3591	2210504379	E452I4N15011R2D
3592	2210504380	E452I4N15011R2E
3593	2210504381	E452I4N15011R2G
3594	2210504382	E452I4N15011R2H
3595	2210504383	E452I4N15011R2K
3596	2210504384	E452I4N15011R2L
3597	2210504385	E452I4N15011R2M
3598	2210504386	E452I4N15011S01
3599	2210504387	E452I4N15011S02
3600	2210504388	E452I4N15011S03

Pos.	Molex PN:	Engineering No.:
3601	2210504389	E452I4N15011S04
3602	2210504390	E452I4N15011S05
3603	2210504391	E452I4N15011S0A
3604	2210504392	E452I4N15011S0B
3605	2210504393	E452I4N15011S0C
3606	2210504394	E452I4N15011S0D
3607	2210504395	E452I4N15011S0E
3608	2210504396	E452I4N15011S0G
3609	2210504397	E452I4N15011S0H
3610	2210504398	E452I4N15011S0K
3611	2210504399	E452I4N15011S0L
3612	2210504400	E452I4N15011S0M
3613	2210504401	E452I4N20011000
3614	2210504402	E452I4N20011A11
3615	2210504403	E452I4N20011A12
3616	2210504404	E452I4N20011A13
3617	2210504405	E452I4N20011A14
3618	2210504406	E452I4N20011A15
3619	2210504407	E452I4N20011A1A
3620	2210504408	E452I4N20011A1B
3621	2210504409	E452I4N20011A1C
3622	2210504410	E452I4N20011A1D
3623	2210504411	E452I4N20011A1E
3624	2210504412	E452I4N20011A1G
3625	2210504413	E452I4N20011A1H
3626	2210504414	E452I4N20011A1K
3627	2210504415	E452I4N20011A1L
3628	2210504416	E452I4N20011A1M
3629	2210504417	E452I4N20011C31
3630	2210504418	E452I4N20011C32
3631	2210504419	E452I4N20011C33
3632	2210504420	E452I4N20011C34
3633	2210504421	E452I4N20011C35
3634	2210504422	E452I4N20011C3A
3635	2210504423	E452I4N20011C3C
3636	2210504424	E452I4N20011C3D
3637	2210504425	E452I4N20011C3E
3638	2210504426	E452I4N20011C3G
3639	2210504427	E452I4N20011C3K
3640	2210504428	E452I4N20011C3L

Pos.	Molex PN:	Engineering No.:
3641	2210504429	E452I4N20011C3M
3642	2210504430	E452I4N20011C41
3643	2210504431	E452I4N20011C42
3644	2210504432	E452I4N20011C43
3645	2210504433	E452I4N20011C44
3646	2210504434	E452I4N20011C45
3647	2210504435	E452I4N20011C4A
3648	2210504436	E452I4N20011C4B
3649	2210504437	E452I4N20011C4C
3650	2210504438	E452I4N20011C4D
3651	2210504439	E452I4N20011C4E
3652	2210504440	E452I4N20011C4G
3653	2210504441	E452I4N20011C4K
3654	2210504442	E452I4N20011C4L
3655	2210504443	E452I4N20011C4M
3656	2210504448	E452I4N20011E05
3657	N/A	N/A
3658	N/A	N/A
3659	N/A	N/A
3660	N/A	N/A
3661	2210504463	E452I4N20011R05
3662	N/A	N/A
3663	N/A	N/A
3664	N/A	N/A
3665	N/A	N/A
3666	N/A	N/A
3667	N/A	N/A
3668	N/A	N/A
3669	N/A	N/A
3670	N/A	N/A
3671	N/A	N/A
3672	2210504474	E452I4N20011R21
3673	2210504475	E452I4N20011R22
3674	2210504476	E452I4N20011R23
3675	2210504477	E452I4N20011R24
3676	2210504478	E452I4N20011R25
3677	2210504479	E452I4N20011R2A
3678	2210504480	E452I4N20011R2B
3679	2210504481	E452I4N20011R2C
3680	2210504482	E452I4N20011R2D

Pos.	Molex PN:	Engineering No.:
3681	2210504483	E452I4N20011R2E
3682	2210504484	E452I4N20011R2G
3683	2210504485	E452I4N20011R2H
3684	2210504486	E452I4N20011R2K
3685	2210504487	E452I4N20011R2L
3686	2210504488	E452I4N20011R2M
3687	2210504489	E452I4N20011S01
3688	2210504490	E452I4N20011S02
3689	2210504491	E452I4N20011S03
3690	2210504492	E452I4N20011S04
3691	2210504493	E452I4N20011S05
3692	2210504494	E452I4N20011S0A
3693	2210504495	E452I4N20011S0B
3694	2210504496	E452I4N20011S0C
3695	2210504497	E452I4N20011S0D
3696	2210504498	E452I4N20011S0E
3697	2210504499	E452I4N20011S0G
3698	2210504500	E452I4N20011S0H
3699	2210504501	E452I4N20011S0K
3700	2210504502	E452I4N20011S0L
3701	2210504503	E452I4N20011S0M
3702	2210504504	E452I4N30011000
3703	2210504505	E452I4N30011A11
3704	2210504506	E452I4N30011A12
3705	2210504507	E452I4N30011A13
3706	2210504508	E452I4N30011A14
3707	2210504509	E452I4N30011A15
3708	2210504510	E452I4N30011A1A
3709	2210504511	E452I4N30011A1B
3710	2210504512	E452I4N30011A1C
3711	2210504513	E452I4N30011A1D
3712	2210504514	E452I4N30011A1E
3713	2210504515	E452I4N30011A1K
3714	2210504516	E452I4N30011A1L
3715	2210504517	E452I4N30011A1M
3716	2210504518	E452I4N30011C32
3717	2210504519	E452I4N30011C33
3718	2210504520	E452I4N30011C34
3719	2210504521	E452I4N30011C35
3720	2210504522	E452I4N30011C3A

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DIMENSION UNITS

mm

SCALE

NTS

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	±
2 PLACES	±	±
1 PLACE	±	±
0 PLACES	±	±
ANGULAR TOL	±	°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

FIRST ANGLE PROJECTION

CURRENT REV DESC: REVISION CREATED FOR
REMOVING PRE-RELEASE STAMP

EC NO: 714567

DRWN: SUGEEB

CHK'D: GGA

APPR: GGA

2022/07/18

2022/07/19

2022/07/19

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: MDYSZEWSKA

2012/08/27

2012/08/20

DOCUMENT NUMBER

SD-121050-001

DOC TYPE

PSD

DOC PART

001

REVISION

E1

E452XXXXXXXXXX
DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

MATERIAL NUMBER

SEE TABLE

CUSTOMER

GENERAL MARKET

SHEET NUMBER

26 OF 41

A3-SIZE

121050

Pos.	Molex PN:	Engineering No.:
3841	2210504699	E452N2N10011A1C
3842	2210504700	E452N2N10011A1D
3843	2210504701	E452N2N10011A1E
3844	2210504702	E452N2N10011A1G
3845	2210504703	E452N2N10011A1H
3846	2210504704	E452N2N10011A1K
3847	2210504705	E452N2N10011A1L
3848	2210504706	E452N2N10011A1M
3849	2210504707	E452N2N10011C31
3850	2210504708	E452N2N10011C32
3851	2210504709	E452N2N10011C33
3852	2210504710	E452N2N10011C34
3853	2210504711	E452N2N10011C35
3854	2210504712	E452N2N10011C3A
3855	2210504713	E452N2N10011C3B
3856	2210504714	E452N2N10011C3C
3857	2210504715	E452N2N10011C3D
3858	2210504716	E452N2N10011C3E
3859	2210504717	E452N2N10011C3G
3860	2210504718	E452N2N10011C3H
3861	2210504719	E452N2N10011C3K
3862	2210504720	E452N2N10011C3L
3863	2210504721	E452N2N10011C3M
3864	2210504722	E452N2N10011C41
3865	2210504723	E452N2N10011C42
3866	2210504724	E452N2N10011C43
3867	2210504725	E452N2N10011C44
3868	2210504726	E452N2N10011C45
3869	2210504727	E452N2N10011C4A
3870	2210504728	E452N2N10011C4B
3871	2210504729	E452N2N10011C4C
3872	2210504730	E452N2N10011C4E
3873	2210504731	E452N2N10011C4G
3874	2210504732	E452N2N10011C4H
3875	2210504733	E452N2N10011C4K
3876	2210504734	E452N2N10011C4L
3877	2210504735	E452N2N10011C4M
3878	2210504740	E452N2N10011E05
3879	2210504755	E452N2N10011R05
3880	2210504766	E452N2N10011R21

FORMAT: Met-lega-master-lb-prod-A3 REVISION: E DATE: 2020/01/14	9	8
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4	3	2	1
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FORMAT: Mat-lega-master-ss-prod-A3 REVISION: 2 DATE: 2020/01/14	9	8	7	6	5	4	3	2	1
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	10	9	8	7	6	5	4	3	2	1									
F	TABLE 3 - PART LIST										F								
	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.		Molex PN:	Engineering No.:						
E	4041	2210504983	E452N2N15011R2H	4081	2210505023	E452N2N20011C3C	3641	2210504429	E452I4N20011C3M	4121	2210505091	E452N2N20011S04							
	4042	2210504984	E452N2N15011R2K	4082	2210505024	E452N2N20011C3D	3642	2210504430	E452I4N20011C41	4122	2210505092	E452N2N20011S05							
	4043	2210504985	E452N2N15011R2L	4083	2210505025	E452N2N20011C3E	3643	2210504431	E452I4N20011C42	4123	2210505093	E452N2N20011S0A							
	4044	2210504986	E452N2N15011R2M	4084	2210505026	E452N2N20011C3G	3644	2210504432	E452I4N20011C43	4124	2210505094	E452N2N20011S0B							
	4045	2210504987	E452N2N15011S01	4085	2210505027	E452N2N20011C3H	3645	2210504433	E452I4N20011C44	4125	2210505095	E452N2N20011S0C							
	4046	2210504988	E452N2N15011S02	4086	2210505028	E452N2N20011C3K	3646	2210504434	E452I4N20011C45	4126	2210505096	E452N2N20011S0D							
	4047	2210504989	E452N2N15011S03	4087	2210505029	E452N2N20011C3L	3647	2210504435	E452I4N20011C4A	4127	2210505097	E452N2N20011S0E							
	4048	2210504990	E452N2N15011S04	4088	2210505030	E452N2N20011C3M	3648	2210504436	E452I4N20011C4B	4128	2210505098	E452N2N20011S0G							
	4049	2210504991	E452N2N15011S05	4089	2210505031	E452N2N20011C41	3649	2210504437	E452I4N20011C4C	4129	2210505099	E452N2N20011S0H							
	4050	2210504992	E452N2N15011S0A	4090	2210505032	E452N2N20011C43	3650	2210504438	E452I4N20011C4D	4130	2210505100	E452N2N20011S0K							
D	4051	2210504993	E452N2N15011S0B	4091	2210505033	E452N2N20011C44	3651	2210504439	E452I4N20011C4E	4131	2210505101	E452N2N20011S0L							
	4052	2210504994	E452N2N15011S0C	4092	2210505034	E452N2N20011C45	3652	2210504440	E452I4N20011C4G	4132	2210505102	E452N2N20011S0M							
	4053	2210504995	E452N2N15011S0D	4093	2210505035	E452N2N20011C4A	3653	2210504441	E452I4N20011C4K	4133	2210505103	E452N2N30011000							
	4054	2210504996	E452N2N15011S0E	4094	2210505036	E452N2N20011C4B	3654	2210504442	E452I4N20011C4L	4134	2210505104	E452N2N30011A13							
	4055	2210504997	E452N2N15011S0G	4095	2210505037	E452N2N20011C4C	3655	2210504443	E452I4N20011C4M	4135	2210505105	E452N2N30011A15							
	4056	2210504998	E452N2N15011S0H	4096	2210505038	E452N2N20011C4D	3656	2210504448	E452I4N20011E05	4136	2210505106	E452N2N30011A1A							
	4057	2210504999	E452N2N15011S0K	4097	2210505039	E452N2N20011C4E	3657	2210504459	E452I4N20011R01	4137	2210505107	E452N2N30011A1B							
	4058	2210505000	E452N2N15011S0L	4098	2210505040	E452N2N20011C4G	3658	2210504460	E452I4N20011R02	4138	2210505108	E452N2N30011A1C							
	4059	2210505001	E452N2N15011S0M	4099	2210505041	E452N2N20011C4K	3659	2210504461	E452I4N20011R03	4139	2210505109	E452N2N30011A1E							
	4060	2210505002	E452N2N20011000	4100	2210505042	E452N2N20011C4L	3660	2210504462	E452I4N20011R04	4140	2210505110	E452N2N30011A1G							
C	4061	2210505003	E452N2N20011A12	4101	2210505043	E452N2N20011C4M	3661	2210504463	E452I4N20011R05	4141	2210505111	E452N2N30011A1K							
	4062	2210505004	E452N2N20011A13	4102	2210505062	E452N2N20011R05	3662	2210504464	E452I4N20011R0A	4142	2210505112	E452N2N30011A1L							
	4063	2210505005	E452N2N20011A14	4103	2210505073	E452N2N20011R21	3663	2210504465	E452I4N20011R0B	4143	2210505113	E452N2N30011C32							
	4064	2210505006	E452N2N20011A15	4104	2210505074	E452N2N20011R22	3664	2210504466	E452I4N20011R0C	4144	2210505114	E452N2N30011C33							
	4065	2210505007	E452N2N20011A1A	4105	2210505075	E452N2N20011R23	3665	2210504467	E452I4N20011R0D	4145	2210505115	E452N2N30011C34							
	4066	2210505008	E452N2N20011A1B	4106	2210505076	E452N2N20011R24	3666	2210504468	E452I4N20011R0E	4146	2210505116	E452N2N30011C35							
	4067	2210505009	E452N2N20011A1C	4107	2210505077	E452N2N20011R25	3667	2210504469	E452I4N20011R0G	4147	2210505117	E452N2N30011C3A							
	4068	2210505010	E452N2N20011A1D	4108	2210505078	E452N2N20011R2A	3668	2210504470	E452I4N20011R0H	4148	2210505118	E452N2N30011C3B							
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A	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										A								
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP			molex											
A	mm		NTS		EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA			E452XXXXXXXXXX DIN FORM A EN 175301-803											
	GENERAL TOLERANCES (UNLESS SPECIFIED)																		
			MM INCH																
	4 PLACES	±	±																
	3 PLACES	±	±																
	2 PLACES	±	±																
	1 PLACE	±	±																
	0 PLACES	±	±																
	ANGULAR TOL		± °		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART								
					DRWN: JMARSZALEK			SD-121050-001		PSD	001								
A	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: MDYSZEWSKA			2012/08/27		REVISION									
					FIRST ANGLE PROJECTION			2012/08/20		E1									
								DRAWING		SHEET NUMBER									
					A3-SIZE			SERIES		29 OF 41									
					121050			MATERIAL NUMBER											
								SEE TABLE											
								CUSTOMER											
								GENERAL MARKET											
DOCUMENT STATUS P1 RELEASE DATE 2022/07/19 09:04:35																			
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4766	2210505978	E452N4N10011S0H
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F	TABLE 3 - PART LIST										F																																																																	
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION <table><tr><td>DIMENSION UNITS</td><td>SCALE</td><td colspan="2" rowspan="2">CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP</td><td colspan="3" rowspan="2"> molex E452XXXXXXXXXX DIN FORM A EN 175301-803 </td></tr><tr><td>mm</td><td>NTS</td></tr><tr><td colspan="2" rowspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2"></td><td colspan="3" rowspan="2">EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA</td></tr><tr><td>MM</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>±</td><td>±</td><td>±</td><td colspan="3" rowspan="2">INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA</td></tr><tr><td>3 PLACES</td><td>±</td><td>±</td><td>±</td></tr><tr><td>2 PLACES</td><td>±</td><td>±</td><td>±</td><td colspan="2" rowspan="2">DOCUMENT NUMBER SD-121050-001</td><td rowspan="2">DOC TYPE PSD</td></tr><tr><td>1 PLACE</td><td>±</td><td>±</td><td>±</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td><td>±</td><td colspan="2" rowspan="2">SHEET NUMBER 35 OF 41</td><td rowspan="2">REVISION E1</td></tr><tr><td colspan="2">ANGULAR TOL</td><td>±</td><td>°</td></tr><tr><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td>FIRST ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td>MATERIAL NUMBER</td><td>CUSTOMER</td></tr><tr><td colspan="2"></td><td></td><td>A3-SIZE</td><td>121050</td><td>SEE TABLE</td><td>GENERAL MARKET</td></tr></table>												DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXX DIN FORM A EN 175301-803			mm	NTS	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA			MM	INCH	4 PLACES	±	±	±	INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA			3 PLACES	±	±	±	2 PLACES	±	±	±	DOCUMENT NUMBER SD-121050-001		DOC TYPE PSD	1 PLACE	±	±	±	0 PLACES	±	±	±	SHEET NUMBER 35 OF 41		REVISION E1	ANGULAR TOL		±	°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER				A3-SIZE	121050	SEE TABLE	GENERAL MARKET
DIMENSION UNITS	SCALE	CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXX DIN FORM A EN 175301-803																																																																								
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4 PLACES	±	±	±	INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA																																																																								
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		FIRST ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER																																																																						
			A3-SIZE	121050	SEE TABLE	GENERAL MARKET																																																																						
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FORMAT: Met-lega-master-ib-prod-A3 REVISION: E DATE: 2020/01/14	9	8	7	6	5	4	3	2	1																																																																			

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TABLE 3 - PART LIST																																																																																																																																				
Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:	Pos.	Molex PN:	Engineering No.:																																																																																																																									
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<table><tr><td colspan="5">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="2">DIMENSION UNITS</td><td colspan="2">SCALE</td><td colspan="2" rowspan="2">CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP</td><td colspan="4" rowspan="4"> molex E452XXXXXXXXXX DIN FORM A EN 175301-803 </td></tr><tr><td colspan="2">mm</td><td colspan="2">NTS</td></tr><tr><td colspan="4">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2" rowspan="4">EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA</td><td colspan="2">DOCUMENT NUMBER</td><td>DOC TYPE</td><td>DOC PART</td><td>REVISION</td></tr><tr><td colspan="2"></td><td>MM</td><td>INCH</td><td colspan="2">SD-121050-001</td><td>PSD</td><td>001</td><td>E1</td></tr><tr><td>4 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2">2012/08/27</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>3 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2">2012/08/20</td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>2 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>1 PLACE</td><td>±</td><td></td><td>±</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td>0 PLACES</td><td>±</td><td></td><td>±</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="2">ANGULAR TOL</td><td>±</td><td>°</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr><tr><td colspan="4">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">FIRST ANGLE PROJECTION</td><td>DRAWING</td><td>SERIES</td><td colspan="2">MATERIAL NUMBER</td><td>CUSTOMER</td><td>SHEET NUMBER</td></tr><tr><td colspan="4"></td><td colspan="2"></td><td>A3-SIZE</td><td>121050</td><td colspan="2">SEE TABLE</td><td>GENERAL MARKET</td><td>36 OF 41</td></tr></table>										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP		molex E452XXXXXXXXXX DIN FORM A EN 175301-803				mm		NTS		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA INITIAL REVISION: DRWN: JMARSZALEK APPR: MDYSZEWSKA		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			MM	INCH	SD-121050-001		PSD	001	E1	4 PLACES	±		±	2012/08/27						3 PLACES	±		±	2012/08/20						2 PLACES	±		±							1 PLACE	±		±							0 PLACES	±		±							ANGULAR TOL		±	°							DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				FIRST ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER							A3-SIZE	121050	SEE TABLE		GENERAL MARKET	36 OF 41
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																																																																																																																				
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5560	2210507052	E452P2N50011C3B

Pos.	Molex PN:	Engineering No.:
5561	2210507053	E452P2N50011C3C
5562	2210507054	E452P2N50011C3D
5563	2210507055	E452P2N50011C3E
5564	2210507056	E452P2N50011C3G
5565	2210507057	E452P2N50011C3H
5566	2210507058	E452P2N50011C3K
5567	2210507059	E452P2N50011C3L
5568	2210507060	E452P2N50011C3M
5569	2210507061	E452P2N50011C41
5570	2210507062	E452P2N50011C43
5571	2210507063	E452P2N50011C44
5572	2210507064	E452P2N50011C45
5573	2210507065	E452P2N50011C4A
5574	2210507066	E452P2N50011C4C
5575	2210507067	E452P2N50011C4D
5576	2210507068	E452P2N50011C4E
5577	2210507069	E452P2N50011C4K
5578	2210507074	E452P2N50011E05
5579	2210507089	E452P2N50011R05
5580	2210507100	E452P2N50011R21
5581	2210507101	E452P2N50011R22
5582	2210507102	E452P2N50011R23
5583	2210507103	E452P2N50011R24
5584	2210507104	E452P2N50011R25
5585	2210507105	E452P2N50011R2A
5586	2210507106	E452P2N50011R2B
5587	2210507107	E452P2N50011R2C
5588	2210507108	E452P2N50011R2D
5589	2210507109	E452P2N50011R2E
5590	2210507110	E452P2N50011R2G
5591	2210507111	E452P2N50011R2H
5592	2210507112	E452P2N50011R2K
5593	2210507113	E452P2N50011R2L
5594	2210507114	E452P2N50011R2M
5595	2210507115	E452P2N50011S01
5596	2210507116	E452P2N50011S02
5597	2210507117	E452P2N50011S03
5598	2210507118	E452P2N50011S04
5599	2210507119	E452P2N50011S05
5600	2210507120	E452P2N50011S0A

DOCUMENT STATUS	P1	RELEASE DATE	2022/07/19	09:04:35
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9	8	7	6	5	4	3	2	1
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
DIMENSION UNITS		SCALE		CURRENT REV DESC: REVISION CREATED FOR REMOVING PRE-RELEASE STAMP				molex E452XXXXXXXXXX DIN FORM A EN 175301-803					
mm		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				E452XXXXXXXXXX DIN FORM A EN 175301-803									
		MM	INCH	PRODUCT CUSTOMER DRAWING									
4 PLACES	±	±											
3 PLACES	±	±											
2 PLACES	±	±											
1 PLACE	±	±											
0 PLACES	±	±	DOCUMENT NUMBER SD-121050-001 DOC TYPE PSD DOC PART 001 REVISION E1										
ANGULAR TOL °													
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				EC NO: 714567 DRWN: SUGEEB CHK'D: GGA APPR: GGA		2022/07/18 2022/07/19 2022/07/19		2012/08/27 2012/08/20					
FIRST ANGLE PROJECTION				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				A3-SIZE		121050		SEE TABLE		GENERAL MARKET		38 OF 41	

