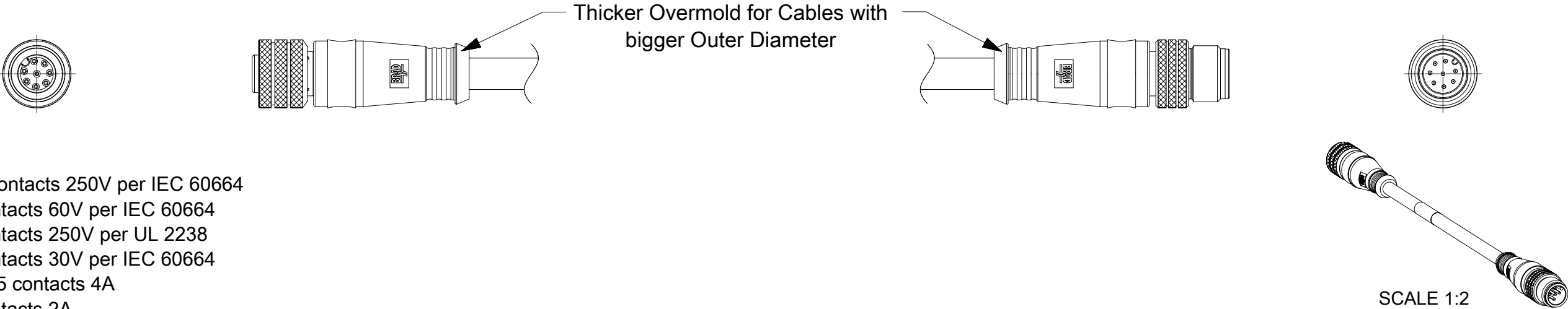
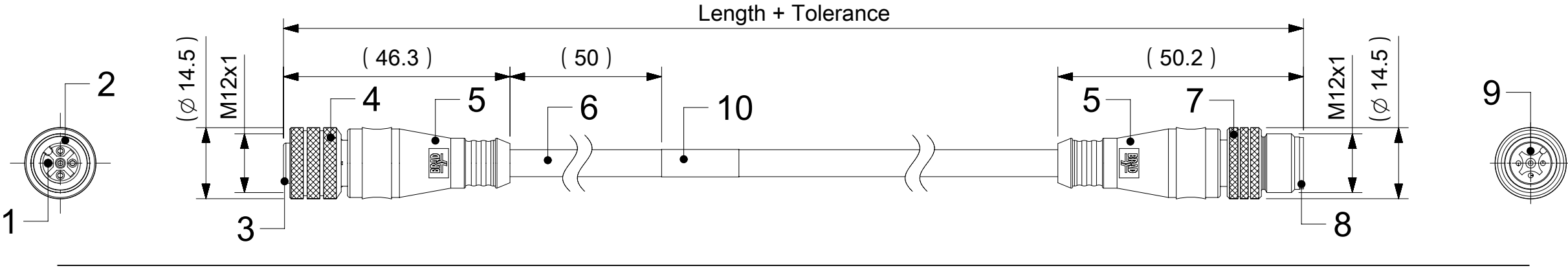


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



NOTES:

RATED VOLTAGE: 3, 4 contacts 250V per IEC 60664
5 contacts 60V per IEC 60664
5 contacts 250V per UL 2238
8 contacts 30V per IEC 60664

RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A

PROTECTION CLASS: IP 67

TEMPERATURE: -25°C / +85°C

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
FEMALE								
MALE								
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN	1	WHITE
	2	---	2	WHITE	2	WHITE	2	BROWN
	3	BLUE	3	BLUE	3	BLUE	3	GREEN
	4	BLACK	4	BLACK	4	BLACK	4	YELLOW
	5	---	5	---	5	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
CODING REQUIRED TO IEC 61076-2-101								
							8	RED

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

10	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
9	3 / 4 / 5 / 8	CONTACT MALE	BRASS	SELECTIVE Au OVER Ni
8	1	INSERT MALE BLACK	TPU	---
7	1	COUPLING NUT MALE	BRASS	NICKEL
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT FEMALE	BRASS	NICKEL
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT FEMALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

SCALE

mm

1:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 606310

DRWN: SSM2018/10/12

CHK'D: SSM2018/10/22

APPR: RSILLER2018/10/22

INITIAL REVISION:

DRWN: JMARSZALEK2016/09/19

APPR: RSILLER2016/12/08

molex

CSE M12 XP AC FE STR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200668165

DOC TYPE

PSD

DOC PART

000

REVISION

A2

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

SHEET NUMBER

1 OF 6

THIRD ANGLE PROJECTION

DRAWING

A3-SIZE

SERIES

120066

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

88X030XXXXXX

88=Micro-Change
M12x1
Double ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
030=Plug Female Straight
to Plug Male Straight

Cable type: See Table

Units:
M=Meter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

OPTIONS

Overmold color:
Blank (Standard)=Black TPU
Blank=Yellow PVC for cables
A09, S19, S20, S26
Blank=Yellow TPE-E for cables
K03, K05
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated SW13

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables Ixx & P82 always with 2 pcs. of
I/D Carrier even if no H in Engineering No.)

COUPLING NUT
FEMALE MALE

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length

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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex										
mm		1:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 606310 DRWN: SSM 2018/10/12 CHK'D: SSM 2018/10/22 APPR: RSILLER 2018/10/22													
ANGULAR TOL		±	1.0 °														
4 PLACES		±															
3 PLACES		±															
2 PLACES		±	0.05														
1 PLACE		±	0.3	INITIAL REVISION: DRWN: JMARSZALEK 2016/09/19 APPR: RSILLER 2016/12/08													
0 PLACES		±	0.5														
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
						A3-SIZE		120066		1200668165		PSD		000		A2	
						A3-SIZE		120066		SEE PART LIST		GENERAL MARKET				SHEET NUMBER 2 OF 6	

CABLE INFORMATION(for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
A09	4	22AWG	PVC YELLOW	UL 2661	I/II A/B 80°C/300V	-	-	-	-
B02	4	18AWG	PUR YELLOW	UL 20549	I/II A/B 80°C/300V	-	-	-	-
E02	3 / 4 / 5 / 8	0.25mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
E03	3 / 4 / 5	0.34mm²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	-
E52	3 / 4	0.34mm²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E57	5	0.34mm²	PVC GREY	-	-	-	-5°C to +70°C	-	-
H09	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles at 20°C, Temp. range +5°C to +60°C	-
I02	3 / 4 / 8	0.25mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I03	3 / 4 / 5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I20	3 / 4	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
I26	5	0.34mm²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
K03	4 / 5	18AWG	TPE YELLOW	UL ITC or PLC	I/II A/B 90°C/300V	max 105°C	-	-	-
K05	3 / 4 / 5	22AWG	TPE YELLOW	UL ITC or PLTC	I/II A/B 90°C/300V	max 105°C	-	-	-
P03	3 / 4 / 5	0.34mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, >7xO.D.	-5°C to +80°C, >15xO.D.	-	-
P04	4	0.50mm²	PUR BLACK	-	-	-40°C to +90°C, >7.5xO.D.	-15°C to +90°C, >12.5xO.D.	-	-
P19	8	0.25mm²	PUR BLACK	-	-	-40°C to +90°C, >7.5xO.D.	-15°C to +90°C, >12.5xO.D.	2 000 000 cycles, >15xO.D.	YES
P20	3 / 4 / 5	0.34mm²	PUR BLACK LS0H	-	-	-30°C to +80°C	-	-	YES
P82	3 / 4 / 5	0.34mm²	PUR IRR ORANGE	-	-	-50°C to +105°C, >5xO.D.	-40°C to +105°C, >7.5xO.D.	-	-
S19	8	0.25mm²	PVC YELLOW	UL 2661/1569	C22.2 II A 105°C/300V	-30°C to +105°C, >10xO.D.	-15°C to +105°C, >15xO.D.	-	YES
S20	3 / 4 / 5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES
S26	5	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES

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:				molex CSE M12 XP AC FE STR MA STR XM DE				
mm		1:1										
GENERAL TOLERANCES (UNLESS SPECIFIED)												
ANGULAR TOL	±	1.0 °										
4 PLACES	±			EC NO: 606310 DRWN: SSM 2018/10/12 CHK'D: SSM 2018/10/22 APPR: RSILLER 2018/10/22				PRODUCT CUSTOMER DRAWING				
3 PLACES	±											
2 PLACES	±	0.05										
1 PLACE	±	0.3		INITIAL REVISION: DRWN: JMARSZALEK 2016/09/19 APPR: RSILLER 2016/12/08				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES	±	0.5						1200668165		PSD	000	A2
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
						A3-SIZE	120066	SEE PART LIST	GENERAL MARKET		3 OF 6	

10				9				8				7				6				5				4				3				2				1											
PART LIST																																															
No.				Part No.				Engineering No.				Cable Length				No.				Part No.				Engineering No.				Cable Length				No.				Part No.				Engineering No.				Cable Length			
1				1200070023				884030S20M060H				6m				48				1200071238				884030S20M015H				1.5m				95				1200660881				884030K03M010				1m			
2				1200070095				883030I03M003				0.3m				49				1200071254				884030P82M050				5m				96				1200660883				884030K03M020				2m			
3				1200070096				883030I03M006				0.6m				50				1200071264				884030S20M040H				4m				97				1200660887				884030K03M030				3m			
4				1200070097				883030I03M010				1m				51				1200071272				884030S20M005				0.5m				98				1200660891				884030K03M040				4m			
5				1200070098				883030I03M020				2m				52				1200071279				885030I26M050				5m				99				1200660895				884030K03M050				5m			
6				1200070099				883030I03M030				3m				53				1200071338				884030I20M030				3m				100				1200660898				884030K03M060				6m			
7				1200070100				883030I03M050				5m				54				1200071343				883030E52M003A				0.3m				101				1200660899				884030K03M070				7m			
8				1200070101				883030I03M100				10m				55				1200071428				884030P82M0407				4m				102				1200660900				884030K03M080				8m			
9				1200070110				883030S20M010				1m				56				1200071501				884030P82M003				0.3m				103				1200660901				884030K03M090				9m			
10				1200070111				883030S20M020				2m				57				1200071580				884030P82M030				3m				104				1200660902				884030K03M100				10m			
11				1200070480				884030I03M010				1m				58				1200071582				884030P82M015				1.5m				105				1200660904				884030K03M120				12m			
12				1200070481				884030I03M020				2m				59				1200071624				884030E52M030A				3m				106				1200660905				884030K03M140				14m			
13				1200070483				884030I03M050				5m				60				1200071627				884030I03M0205				2m				107				1200660906				884030K03M150				15m			
14				1200070484				884030I03M060				6m				61				1200071647				884030P82M0307				3m				108				1200660907				884030K03M160				16m			
15				1200070485				884030I03M100				10m				62				1200072106				885030I26M005				0.5m				109				1200660909				884030K03M200				20m			
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17				1200070499				884030S20M020				2m				64				1200072601				884030P82M0201				2m				111				1200660915				884030K05M070				7m			
18				1200070500				884030S20M030				3m				65				1200658167				884030P82M0807				8m				112				1200660918				884030K05M140				14m			
19				1200070502				884030S20M050				5m				66				1200658808				884030P04M100				10m				113				1200660921				884030K05M200				20m			
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22				1200070653				884030E52M200A				20m				69				1200660277				884030A09M030				3m				116				1200661035				885030K03M020				2m			
23				1200070774				884030I03M006				0.6m				70				1200660286				884030A09M0508				5m				117				1200661036				885030K03M030				3m			
24				1200070785				884030I03M030				3m				71				1200660291				884030A09M070				7m				118				1200661038				885030K03M050				5m			
25				1200070798				884030P82M010				1m				72				1200660683				884030K05M003				0.3m				119				1200661042				885030K03M090				9m			
26				1200070799				884030P82M020				2m				73				1200660684				884030K05M005				0.5m				120				1200661043				885030K03M100				10m			
27				1200070867				884030E52M100A				10m				74				1200660686				884030K05M006				0.6m				121				1200661044				885030K03M150				15m			
28				1200070890				885030I26M010				1m				75				1200660687				884030K05M010				1m				122				1200661434				884030E52M020A				2m			
29				1200070891				885030I26M020				2m				76				1200660688				884030K05M015				1.5m				123				1200661438				884030K05M250				25m			
30				1200070892				885030I26M030				3m				77				1200660689				884030K05M020				2m				124				1200661441				884030K05M190				19m			
31				1200070937				884030P82M100				10m				78				1200660690				884030K05M030				3m				125				1200661472				884030E52M050A				5m			
32				1200070956				883030E52M020A				2m				79				1200660691				884030K05M040				4m				126				1200661543				884030K03M180				18m			
33				1200070961				885030I03M030				3m				80				1200660692				884030K05M050				5m				127				1200661574				888030S19M120				12m			
34				1200071026				884030E52M010A				1m				81				1200660693				884030K05M060				6m				128				1200661575				888030S19M030				3m			
35				1200071035				884030S20M010H				1m				82				1200660694				884030K05M080				8m				129				1200661576				888030S19M050				5m			
36				1200071066				884030P82M0067				0.6m				83				1200660695				884030K05M100				10m				130				1200661577				888030S19M100				10m			
37				1200071067				884030P82M0037				0.3m				84				1200660696				884030K05M120				12m				131				1200661664				885030K03M005				0.5m			
38				1200071068				884030P82M0107				1m				85				1200660697				884030K05M150				15m				132				1200661685				885030K03M120				12m			
39				1200071069				884030P82M0157				1.5m				86				1200660698				884030K05M180				18m																			
40				1200071088				884030P82M0207				2m				87				1200660699				884030K05M230				23m																			
41				1200071137				884030S20M030H				3m				88				1200660700				884030K05M300				30m																			
42				1200071141				884030S20M020H				2m				89				1200660857				884030B02M020				2m																			
43				1200071161				884030S20M100H				10m				90				1200660860				884030B02M030				3m																			
44				1200071162				884030P82M006				0.6m				91				1200660862				884030B02M050				5m																			
45				1200071178				884030S20M006H				0.6m				92				1200660867				884030B02M100				10m																			
46				1200071188				884030S20M050H				5m				93				1200660878				884030K03M003				0.3m																			
47				1200071237				884030S20M005H				0.5m				94				1200660880				884030K03M006				0.6m																			
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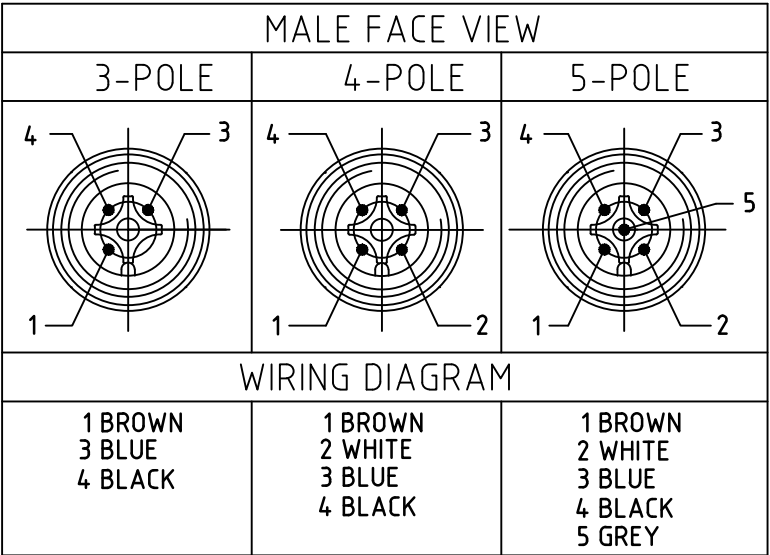
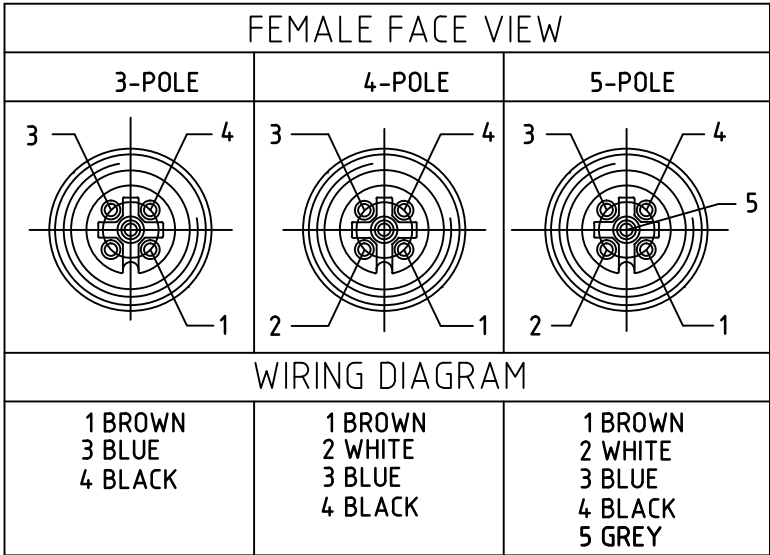
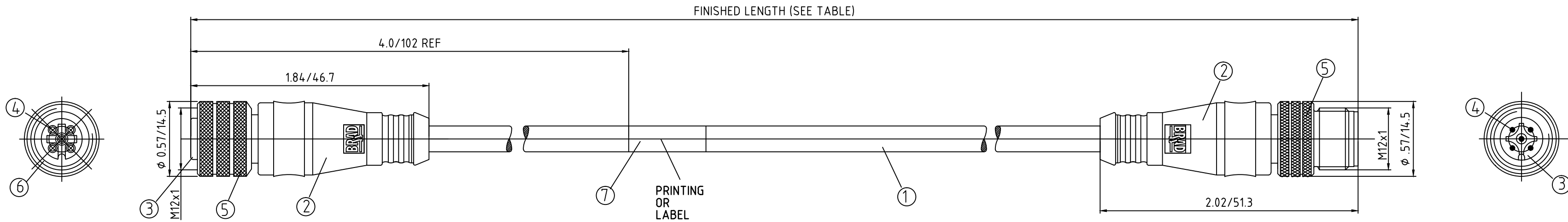
10		9		8		7		6		5		4		3		2		1																												
PART LIST																																														
No. Part No. Engineering No. Cable Length				No. Part No. Engineering No. Cable Length				No. Part No. Engineering No. Cable Length				No. Part No. Engineering No. Cable Length				No. Part No. Engineering No. Cable Length																														
171 1200668644 884030P82M0107Y 1m				217 1200071006 883030E03M020H 2m				263 1200660269 884030A09M015 1.5m				301 1200668378 884030H09M006 0.6m																																		
172 1200668645 884030P82M0207Y 2m				218 1200071029 884030P03M100 10m				264 1200660294 884030A09M080 8m				302 1200668379 884030H09M010 1m																																		
173 1200668696 883030I03M030A 3m				219 1200071047 883030P03M050H 5m				265 1200660299 884030A09M1008 10m				303 1200668380 884030H09M040 4m																																		
174 1200668697 883030I03M050A 5m				220 1200071053 883030P03M150 15m				266 1200660434 885030A09M050 5m				304 1200668381 884030H09M100 10m																																		
175 1200668698 883030I03M100A 10m				221 1200071114 883030P03M020H 2m				267 1200660498 883030P03M010 1m				305 1200668384 884030P03M010H 1m																																		
176 1200668699 883030I03M200A 20m				222 1200071122 883030P03M030H 3m				268 1200660500 883030P03M020 2m				306 1200668486 884030H09M023 2.3m																																		
177 1200668735 884030P82M0707Y 7m				223 1200071123 883030P03M010H 1m				269 1200660501 883030P03M030 3m				307 1200668487 885030E03M200 20m																																		
178 1200668736 885030I26M015Y 1.5m				224 1200071131 883030P03M0201 2m				270 1200660502 883030P03M050 5m				308 1200668497 885030H09M010 1m																																		
179 1200668773 885030P82M0107 1m				225 1200071199 884030E03M200 20m				272 1200661037 885030K03M040 4m				309 1200668500 885030H09M020 2m																																		
180 1200668873 885030I26M050Y 5m				226 1200071273 883030P03M100H 10m				273 1200661039 885030K03M060 6m				310 1200668501 885030H09M050 5m																																		
181 1200669113 884030A09M0308 3m				227 1200071288 883030P03M060 6m				274 1200661041 885030K03M080 8m				311 1200668502 885030H09M092 9.2m																																		
182 1200669118 884030P82M0307Y 3m				228 1200071500 885030E03M005 0.5m				275 1200661684 885030K03M300 30m				312 1200668509 885030H09M006 0.6m																																		
183 1200669149 883030I03M010Y 1m				229 1200071583 885030E03M080 8m				276 1200661686 885030K03M180 18m				313 1200668510 885030H09M030 3m																																		
184 1200669218 885030I03M100Y 10m				230 1200071594 884030E03M015 1.5m				277 1200661687 885030K03M230 23m				314 1200668511 885030H09M100 10m																																		
185 1200669227 884030K05M500 50m				231 1200071596 884030E03M060 6m				278 1200665009 884030E03M005 0.5m				315 1200668521 885030E03M250 25m																																		
186 1200669228 884030K05M600 60m				232 1200071703 884030E03M0205 2m				279 1200665031 884030P03M100H 10m				316 1200668528 885030E03M020H 2m																																		
187 1200718014 884030P82M0607 6m				233 1200071707 884030E03M0505 5m				280 1200665370 884030P03M205G 20m				317 1200668530 885030E03M010H 1m																																		
188 1200060049 884030E03M050 5m				234 1200071715 884030E03M150 15m				281 1200668045 883030P03M005 0.5m				318 1200668548 884030H09M006H 0.6m																																		
189 1200060050 884030P03M015 1.5m				235 1200071774 884030E03M020H 2m				282 1200668062 884030E03M010H 1m				319 1200668549 884030H09M010H 1m																																		
190 1200060051 884030P03M030 3m				236 1200071793 884030E03M1501 15m				283 1200668081 885030E57M100A 10m				320 1200668550 884030H09M050H 5m																																		
191 1200070081 883030E03M006 0.6m				237 1200071881 884030E03M1005 10m				284 1200668083 885030P03M005 0.5m				321 1200668609 885030E02M050 5m																																		
192 1200070083 883030E03M010 1m				238 1200071947 885030P03M007 0.7m				285 1200668084 885030P03M010 1m				322 1200668646 883030P03M030HY 3m																																		
193 1200070085 883030E03M020 2m				239 1200071948 885030E03M040 4m				286 1200668174 884030H09M030 3m				323 1200668652 885030E03M070 7m																																		
194 1200070086 883030E03M0205 2m				240 1200072010 884030P03M050H 5m				287 1200668197 883030H09M020 2m				324 1200668656 885030E02M100 10m																																		
195 1200070088 883030E03M030 3m				241 1200072081 885030E03M035 3.5m				288 1200668198 883030H09M050 5m				325 1200668657 885030E02M020 2m																																		
196 1200070091 883030E03M050 5m				242 1200072092 884030E03M040 4m				289 1200668208 883030E03M150 15m				326 1200668661 884030E02M0031 0.3m																																		
197 1200070092 883030E03M0505 5m				243 1200072104 883030P03M040 4m				290 1200668234 884030H09M020 2m				327 1200668662 883030E02M006 0.6m																																		
198 1200070093 883030E03M100 10m				244 1200072105 884030P03M200 20m				291 1200668244 884030H09M050 5m				328 1200668664 885030E02M010 1m																																		
199 1200070102 883030P03M003 0.3m				245 1200072172 884030E03M050H 5m				292 1200668293 883030D02M005 0.5m				329 1200668672 884030E03M0051 0.5m																																		
200 1200070104 883030P03M006 0.6m				246 1200072544 884030E03M120 12m				293 1200668338 885030E03M006 0.6m				330 1200668674 885030E03M150 15m																																		
201 1200070105 883030P03M100 10m				247 1200072649 884030P03M0105 1m				294 1200668347 885030E03M100 10m				331 1200668683 885030H09M150 15m																																		
202 1200070470 884030E03M003 0.3m				248 1200072650 884030P03M0505 5m				295 1200668370 883030E03M040 4m				332 1200668684 885030H09M200 20m																																		
203 1200070472 884030E03M006 0.6m				249 1200072658 883030P03M120 12m				296 1200668373 883030H09M006 0.6m				333 1200668687 884030P03M005 0.5m																																		
204 1200070473 884030E03M010 1m				250 1200072697 885030E03M060 6m				297 1200668374 883030H09M010 1m				334 1200668689 884030H08M030 3m																																		
205 1200070474 884030E03M020 2m				251 1200072744 884030E03M0501 5m				298 1200668375 883030H09M030 3m				335 1200668690 883030P03M020YH 2m																																		
206 1200070475 884030E03M030 3m				252 1200072762 884030P03M0101 1m				299 1200668376 883030H09M040 4m				336 1200668691 883030P03M010YH 1m																																		
207 1200070476 884030E03M100 10m				253 1200072763 884030P03M0201 2m				300 1200668377 883030H09M100 10m				337 1200668708 885030E02M050Y 5m																																		
208 1200070486 884030P03M003 0.3m				254 1200072764 884030P03M0301 3m								338 1200668712 883030P03M100HY 10m																																		
209 1200070487 884030P03M006 0.6m				255 1200072803 884030P03M040 4m																																										
210 1200070488 884030P03M010 1m				256 1200072804 884030P03M060 6m																																										
211 1200070489 884030P03M020 2m				257 1200073083 885030P03M006 0.6m																																										
212 1200070490 884030P03M050 5m				258 1200660166 883030A09M010 1m																																										
213 1200070586 885030E03M030 3m				260 1200660261 884030A09M005 0.5m																																										
214 1200070906 885030E03M010 1m				261 1200660262 884030A09M006 0.6m																																										
215 1200070969 885030E03M050 5m				262 1200660266 884030A09M010 1m																																										
216 1200070970 885030E03M020 2m																																														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS mm SCALE 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS CURRENT REV DESC: EC NO: 606310 DRWN: SSM 2018/10/12 CHK'D: SSM 2018/10/22 APPR: RSILLER 2018/10/22 INITIAL REVISION: DRWN: JMARSZALEK 2016/09/19 APPR: RSILLER 2016/12/08 THIRD ANGLE PROJECTION DRAWING A3-SIZE SERIES 120066 PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1200668165 DOC TYPE PSD DOC PART 000 REVISION A2 MATERIAL NUMBER SEE PART LIST CUSTOMER GENERAL MARKET SHEET NUMBER 5 OF 6																				DOCUMENT STATUS		P1	RELEASE DATE		2018/10/22	12:08:11	0		9		8		7		6		5		4		3		2		1	

PART LIST

No.	Part No.	Engineering No.	Cable Length
339	1200668713	883030P03M050HY	5m
340	1200668714	884030H09M0209	2m
341	1200668715	884030H09M003	0.3m
342	1200668718	884030E03M250	25m
343	1200668719	884030E03M300	30m
344	1200668720	884030P03M150	15m
345	1200668721	884030P03M250	25m
346	1200668722	884030P03M300	30m
347	1200668723	884030P03M350	35m
348	1200668724	884030P03M400	40m
349	1200668737	884030H09M055	5.5m
350	1200668754	884030P03M020H	2m
351	1200668770	884030E03M350	35m
352	1200668771	884030E03M400	40m
353	1200668772	885030P03M003	0.3m
354	1200668784	885030E03M300	30m
355	1200668785	885030E03M350	35m
356	1200668786	884030E03M070	7m
357	1200668794	885030P03M006H	0.6m
358	1200668795	885030P03M010H	1m
359	1200668815	884030P03M0805	8m
360	1200668903	885030P03C130	0.13m
361	1200668972	885030E03M003	0.3m
362	1200668973	885030E03M025	2.5m
363	1200668980	885030E03M080H	8m
364	1200668981	885030E03M040H	4m
365	1200668982	885030E03M060H	6m
366	1200668985	885030E03M030H	3m
367	1200669134	883030H09M015	1.5m
368	1200669135	883030H09M200	20m
369	1200669153	883030E03M0101	1m
370	1200669350	883030H09M030H	3m
371	1200669423	884030E03M025	2.5m
372	1200669424	884030E03M035	3.5m
373	1200669499	883030E03M080	8m
374	1200669500	883030E03M120	12m
375	1200669501	883030E03M140	14m
376	1200669502	883030E03M160	16m
377	1200669503	883030E03M180	18m
378	1200669508	884030E03M080	8m
379	1200669509	884030E03M140	14m
380	1200669510	884030E03M160	16m
381	1200669511	883030E03M060	6m

DOCUMENT STATUS	P1	RELEASE DATE	2018/10/22	12:08:11
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DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex				
mm		1:1									
GENERAL TOLERANCES (UNLESS SPECIFIED)							CSE M12 XP AC FE STR MA STR XM DE				
ANGULAR TOL ± 1.0°											
4 PLACES		±					PRODUCT CUSTOMER DRAWING				
3 PLACES		±									
2 PLACES		± 0.05		DOCUMENT NUMBER			DOC TYPE	DOC PART	REVISION		
1 PLACE		± 0.3									
0 PLACES		± 0.5		1200668165			PSD	000	A2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER
				 		A3-SIZE	120066	SEE PART LIST		GENERAL MARKET	6 OF 6



CONNECTOR SPECIFICATION:

VOLTAGE RATING 3 - 4 PIN	250V per IEC 60664
VOLTAGE RATING 5 PIN	60V per IEC 60664 250V per UL 2238
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP67
OPERATING TEMPERATURE	-20°C TO 105°C
ASSEMBLY IS RoHS COMPLIANT	

88X030K03XXXX

POLES

3
4
5

LENGTH

M010 - 1 METER
M100 - 10 METER
F050 - 5 FEET
F500 - 50 FEET

ITEM	COMPONENT	MATERIAL	FINISH
7	LABLE	MYLAR	BLACK/YELLOW
6	O-RING	VITON	RED
5	COUPLER	BRASS	TEFLON/NICKEL
4	SOCKET/PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	INSERT	PUR	BLACK
2	OVERMOLD	TPE	YELLOW
1	CABLE- #18/3-5 (COPPER STRANDING) 3/4/5 CONDUCT. 300V	JACKET: TPE	JACKET: YELLOW

ADD MATRIX EC NO: PG2017-0318 DRWN: BBRAUCH 2016/09/21 CHKD: RSILLER 2016/09/21 APPR: RSILLER 2010/02/03	DESCRIPTION REV	QUALITY SYMBOL ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY LSTEMMLE	DATE 2010/02/01	TITLE MICRO-CHANGE CORDSET 3/4/5 P. FE STR/ MA STR 18/3-5 YELLOW TPE CABLE		
			4 PLACES	±---	±---	CHECKED BY TWOEDGE	DATE 2010/02/02			
			3 PLACES	±---	±.005	APPROVED BY FPACHER	DATE 2010/02/03			
			2 PLACES	±0.13	±.010	MATERIAL NO. SEE MATRIX		DOCUMENT NO. SD-120066-020		
			1 PLACE	±0.25	±.020					
			ANGULAR ±.5°			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

B2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
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