

10	9	8	7	6	5	4	3	2	1										
PART LIST																			
MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	MOLEX NO.	ENGINEERING NO.	LENGHT (MM)	MOLEX NO.	ENGINEERING NO.	LENGHT (MM)											
1204000236	Y03007E03M010	1000	1204000259	Y04007H09M100	10000														
1204000237	Y03007E03M020	2000	1204000260	Y05007E03M010	1000														
1204000238	Y03007E03M050	5000	1204000261	Y05007E03M020	2000														
1204000239	Y03007E03M100	10000	1204000262	Y05007E03M050	5000														
1204000240	Y03007B30M010	1000	1204000263	Y05007E03M100	10000														
1204000241	Y03007B30M020	2000	1204000264	Y05007B30M010	1000														
1204000242	Y03007B30M050	5000	1204000265	Y05007B30M020	2000														
1204000243	Y03007B30M100	10000	1204000266	Y05007B30M050	5000														
1204000244	Y03007H09M010	1000	1204000267	Y05007B30M100	10000														
1204000245	Y03007H09M020	2000	1204000268	Y05007H09M010	1000														
1204000246	Y03007H09M050	5000	1204000269	Y05007H09M020	2000														
1204000247	Y03007H09M100	10000	1204000270	Y05007H09M050	5000														
1204000248	Y04007E03M010	1000	1204000271	Y05007H09M100	10000														
1204000249	Y04007E03M020	2000																	
1204000250	Y04007E03M050	5000																	
1204000251	Y04007E03M100	10000																	
1204000252	Y04007B30M010	1000																	
1204000253	Y04007B30M020	2000																	
1204000254	Y04007B30M050	5000																	
1204000255	Y04007B30M100	10000																	
1204000256	Y04007H09M010	1000																	
1204000257	Y04007H09M020	2000																	
1204000258	Y04007H09M050	5000																	
CABLE LIST																			
3P	4P	5P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR	FIXED INSTALLATION *		FLEXIBLE INSTALLATION **		DRAG CHAIN								
							MIN.	MAX.	MIN.	MAX.	MIN.	MAX.							
X			E03	CABLE PVC, BLK 3X0.34MM D4.9	PVC	BLACK	-30°C	+80°C	-10°C	+80°C	NOT SUITABLE								
	X			CABLE PVC, BLK 4X0.34MM D5.4															
		X		CABLE PVC, BLK 5X0.34MM(UL/CSA) D5.8															
X			B30	CABLE 3X0.34 TPU BK D4.80 TPE UNSH DCS	PUR WSOR	BLACK	-40°C	+90°C	-25°C	+80°C	-5°C	+60°C							
	X			CABLE 4X0.34 TPU BK D5.10 TPE UNSH DCS															
		X		CABLE 5X0.34 TPU BK D5.50 TPE UNSH DCS															
X			H09	CABLE PUR;BLK 3X0.34MM-LSOH;UL D4.4	PUR-LS0H	BLACK	-40°C	+80°C	-25°C	+80°C	+5°C	+60°C							
	X			CABLE PUR;BLK 4X0.34MM-LSOH;UL D4.7															
		X		CABLE PUR BLK 5X0.34MM LSZH UL D5.0															
* FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.																			
** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.																			
BILL OF MATERIAL:																			
3P	4P	5P	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR												
X	X	X	1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST												
X	X	X	2	3/4/5	CONTACT 10 MA STA AU	COPPER ALLOY	GOLD OVER NICKEL PLATED												
X			3	1	PLG U12 3P AC MA PA UNSH WT	-	-												
	X				PLG U12 4P AC MA PA UNSH WT														
		X			PLG U12 5P AC MA PA UNSH WT														
X	X	X	4	1	OVERMOLD	TPC	SEE MATRIX												
IF "H" IS IN MATRIX-END			-	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT												
DOCUMENT STATUS		P1	RELEASE DATE		2023/01/31 08:21:33														
0		9		8		7		6		5		4		3		2		1	

CABLE LENGTH TOLERANCES									
LENGTH	TOLERANCE								
0m-1m	+40 mm								
>1m-5m	+60 mm								
>5m-10m	+80 mm								
>10m-20m	+140 mm								
>20m-30m	+160 mm								
>30m	+1% length								

FUNCTIONAL SYMBOLS	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: NOTES AND CABLE LIST UPDATED EC NO: 736602 DRWN: RSCHIEBER 2023/01/24 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31 INITIAL REVISION: DRWN: JELIZAINCIN 2021/01/15 APPR: RSILLER 2022/10/14										
	mm		1:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES		±		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION				
	3 PLACES		±		1204000260		PSD		000		A1				
	2 PLACES		± 0.05		PRODUCT CUSTOMER DRAWING										
	1 PLACE		± 0.3												
	0 PLACES		± 0.5												
DIVISIONAL SYMBOLS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A3-SIZE		120400		SEE PART LIST		GENERAL MARKET		2 OF 2	

FORMAT: mox1204000258A3
REVISION: 1
DATE: 2020/01/14

0

9

8

7

6

5

4

3

2

1

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS	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: NOTES AND CABLE LIST UPDATED						molex CSE U12 3-5P AC MA RA XM SE UNSH BK												
	mm		1:1																				
	GENERAL TOLERANCES (UNLESS SPECIFIED)										EC NO: 736602 DRWN: RSCHIEBER 2023/01/24 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31												
	ANGULAR TOL ± 1.0 °																						
	4 PLACES		±		INITIAL REVISION: DRWN: JELIZAINCIN 2021/01/15 APPR: RSILLER 2022/10/14																		
	3 PLACES		±																				
	2 PLACES		± 0.05																				
	1 PLACE		± 0.3																				
	0 PLACES		± 0.5		PRODUCT CUSTOMER DRAWING																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION							DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION		
											A3-SIZE		120400		1204000260		PSD		000		A1		
DIVISIONAL SYMBOLS		4 PLACES		±		CSE U12 3-5P AC MA RA XM SE UNSH BK						MATERIAL NUMBER		CUSTOMER		SHEET NUMBER							
												SEE PART LIST		GENERAL MARKET		2 OF 2							