

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)											
1204000200	Y03001E03M010	1000	1204000223	Y04001H09M100	10000														
1204000201	Y03001E03M020	2000	1204000224	Y05001E03M010	1000														
1204000202	Y03001E03M050	5000	1204000225	Y05001E03M020	2000														
1204000203	Y03001E03M100	10000	1204000226	Y05001E03M050	5000														
1204000204	Y03001B30M010	1000	1204000227	Y05001E03M100	10000														
1204000205	Y03001B30M020	2000	1204000228	Y05001B30M010	1000														
1204000206	Y03001B30M050	5000	1204000229	Y05001B30M020	2000														
1204000207	Y03001B30M100	10000	1204000230	Y05001B30M050	5000														
1204000208	Y03001H09M010	1000	1204000231	Y05001B30M100	10000														
1204000209	Y03001H09M020	2000	1204000232	Y05001H09M010	1000														
1204000210	Y03001H09M050	5000	1204000233	Y05001H09M020	2000														
1204000211	Y03001H09M100	10000	1204000234	Y05001H09M050	5000														
1204000212	Y04001E03M010	1000	1204000235	Y05001H09M100	10000														
1204000213	Y04001E03M020	2000																	
1204000214	Y04001E03M050	5000																	
1204000215	Y04001E03M100	10000																	
1204000216	Y04001B30M010	1000																	
1204000217	Y04001B30M020	2000																	
1204000218	Y04001B30M050	5000																	
1204000219	Y04001B30M100	10000																	
1204000220	Y04001H09M010	1000																	
1204000221	Y04001H09M020	2000																	
1204000222	Y04001H09M050	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 FE STA AU CR WRA 0.14-0.50	BRASS	GOLD OVER NICKEL PLATED												
X			3	1	PLG U12 3P AC FE PA UNSH	-	-												
	X				PLG U12 4P AC FE PA UNSH														
		X			PLG U12 5P AC FE PA UNSH														
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	08:21:32													
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 2023/01/23 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31 INITIAL REVISION: DRWN: RSCHIEBER 2020/09/16 APPR: RSILLER 2020/09/29								
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0 °												
	DIVISIONAL SYMBOLS	4 PLACES		±		DOCUMENT NUMBER 1204000224 DOC TYPE PSD DOC PART 000 REVISION A3							
		3 PLACES		±									
		2 PLACES		± 0.05									
		1 PLACE		± 0.3									
		0 PLACES		± 0.5		SHEET NUMBER 2 OF 2							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A3-SIZE		SERIES 120400		MATERIAL NUMBER SEE PART LIST		CUSTOMER GENERAL MARKET	

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 FA = 0 FE = 0 FE = 0 DIVISIONAL 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 FE RA XM SE UNSH BK							
	mm		1:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 736602 DRWN: RSCHIEBER2023/01/23 CHK'D: RSILLER2023/01/31 APPR: RSILLER2023/01/31				PRODUCT CUSTOMER DRAWING							
	ANGULAR TOL ± 1.0 °															
	4 PLACES		±		INITIAL REVISION: DRWN: RSCHIEBER2020/09/16 APPR: RSILLER2020/09/29				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	3 PLACES		±						1204000224		PSD		000		A3	
	2 PLACES		± 0.05		THIRD ANGLE PROJECTION				MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
	1 PLACE		± 0.3						SEE PART LIST		GENERAL MARKET		2 OF 2			
	0 PLACES		± 0.5		DRAWING		SERIES									
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						A3-SIZE		120400							