

PART LIST		
MOLEX NO.	ENGINEERING NO.	LENGHT (MM)
1204000316	Y08007E02M010	1000
1204000317	Y08007E02M020	2000
1204000318	Y08007E02M050	5000
1204000319	Y08007E02M100	10000
1204000320	Y08007B41M010	1000
1204000321	Y08007B41M020	2000
1204000322	Y08007B41M050	5000
1204000323	Y08007B41M100	10000
1204000324	Y08007H08M010	1000
1204000325	Y08007H08M020	2000
1204000326	Y08007H08M050	5000
1204000327	Y08007H08M100	10000
1204000328	Y0C007H45M010	1000
1204000329	Y0C007H45M020	2000
1204000330	Y0C007H45M050	5000
1204000331	Y0C007H45M100	10000

MOLEX NO.	ENGINEERING NO.	LENGHT (MM)

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C CABLE LIST

8P	12P	CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR	FIXED INSTALLATION *		FLEXIBLE INSTALLATION **		DRAG CHAIN	
						MIN.	MAX.	MIN.	MAX.	MIN.	MAX.
X		E02	8X0.25MM;UNSHLD;PVC;BK;OD=6.60MM	PVC	BLACK	-30°C	+80°C	-10°C	+80°C	NOT SUITABLE	
X		B41	CABLE 8X0.25 TPU BK D6.40 TPE UNSH DCS	PUR WSOR	BLACK	-40°C	+90°C	-25°C	+80°C	-5°C	+60°C
X		H08	CABLE PUR;BLK 8X0.25MM-LSOH;UL OD=6.10	PUR-LS0H	BLACK	-40°C	+80°C	-25°C	+80°C	+5°C	+60°C
	X	H45	CABLE12X0.14BLK PUR D6.0 UL/CSA	PUR	BLACK	-40°C	+80°C	-25°C	+80°C	+5°C	+60°C

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

* FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.
 ** FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.

BILL OF MATERIAL

8P	12P	ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
X	X	1	-	CABLE	SEE CABLE LIST	SEE CABLE LIST
X		2	8	CONTACT 8 MA TUR AU	BRASS	GOLD OVER NICKEL PLATED
	X		12	CONTACT 06 MA TUR AU		
X		3	1	PLG U12 8P AC MA PA UNSH WT	-	-
	X		1	PLG U12 12P AC MA PA UNSH WT		
X	X	4	1	OVERMOLD	TPC	SEE MATRIX
		-	2	I/D CARRIER DIA 4-7MMX30MM	PVC	TRANSPARENT
DOCUMENT STATUS		P1	RELEASE DATE	2023/01/31	08:21:34	

FUNCTIONAL SYMBOLS ▽/A = 0 ▽/E = 0 ▽/V = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 1:1		CURRENT REV DESC: NOTES AND CABLE LIST UPDATED		
	DIMENSION UNITS mm		GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 736602 DRWN: RSCHIEBER 2023/01/24	
	ANGULAR TOL ± 1.0°		4 PLACES ±		CHK'D: RSILLER 2023/01/31	
	3 PLACES ±		2 PLACES ± 0.05		APPR: RSILLER 2023/01/31	
1 PLACE ± 0.3		0 PLACES ± 0.5		INITIAL REVISION:		
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		
molex				CSE U12 8-12P AC MA RA XM SE UNSH BK		
PRODUCT CUSTOMER DRAWING						
DOCUMENT NUMBER		DOC TYPE		DOC PART		
1204000316		PSD		000 A1		