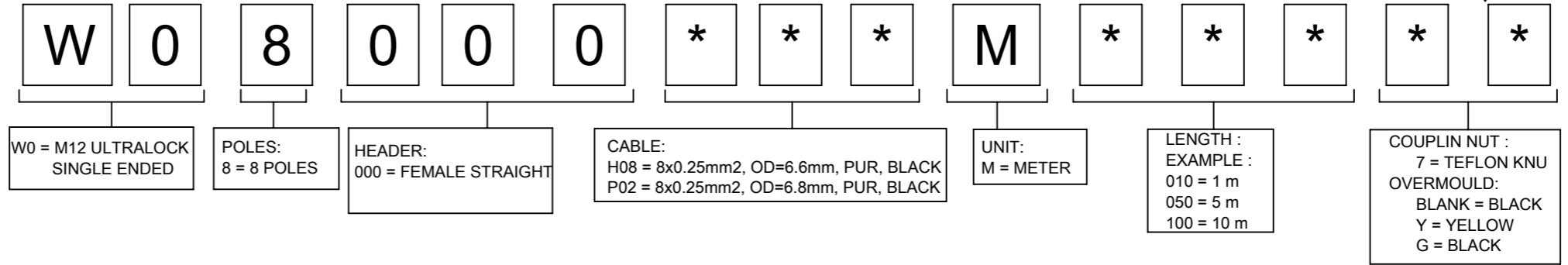


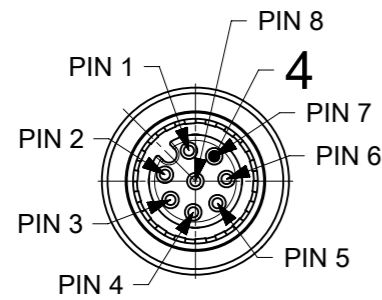
WIRING DIAGRAM



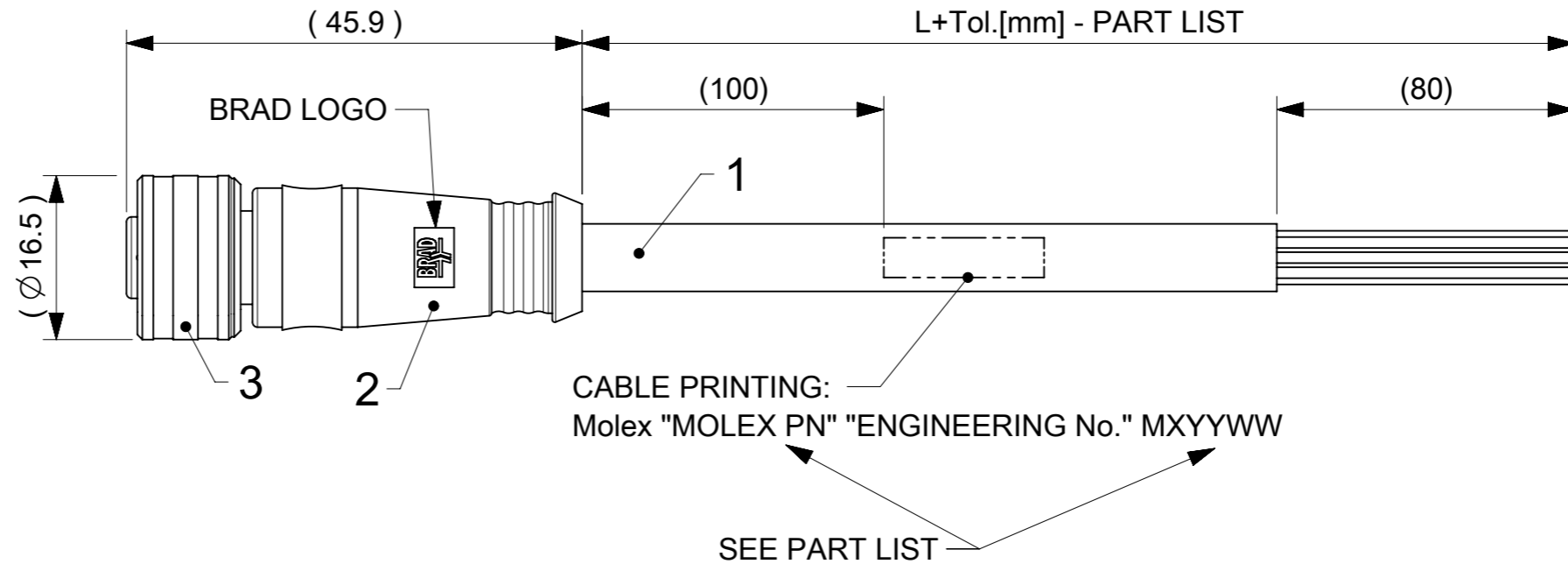
PART No MATRIX



OPTIONS



VIEW FROM THE FRONT SIDE



PART LIST

MOLEX PN	ENGINEERING NO.	LENGTH (MM)
1200795023	W08000H08M020	2000
1200795024	W08000H08M050	5000
1200795047	W08000H08M060	6000
1200795025	W08000H08M100	10000
1200795113	W08000P02M020	2000

CABLE LIST

CABLE TYPE	DESCRIPTION	MATERIAL	FINISH/COLOR
H08	CABLE 8x0.25MM	PUR	BLACK
P02	CABLE 8X0.25MM	PUR	BLACK

BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
4	8	CONTACT 8 FEMALE	BRASS	GOLD OVER Ni-PLATED
3	1	M12U FEMALE 8P AC	-	-
2	SEE MATRIX	OVERMOULDED	TPU	YELLOW/BLACK
1	SEE CABLE LIST	CABLE	SEE CABLE LIST	

NOTES :

ELECTRICAL DATA :  
 VOLTAGE RATING : 30V  
 AMPERAGE RATING : 2A  
 INSULATION RESISTANCE : 10<sup>8</sup>Ω MIN.  
 MATING CYCLES : MIN. 100

ENVIRONMENTAL :  
 PROTECTION CLASS : IP67 IN MATED  
 AND LOCKED POSITION  
 OPERATING TEMPERATURE : -25°C TO +80°C

CABLE LENGTH TOLERANCES (MM)		
LENGTH	UP AND INCLUDED	
0	0.6m	±10mm
0.6m	1m	+30/-10mm
1m	5m	±25mm
5m	20m	±30mm
20m	>	±50mm

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

FUNCTIONAL SYMBOLS:  $\nabla/A = 0$ ,  $\nabla/E = 0$ ,  $\nabla/V = 0$

DIVISIONAL SYMBOLS: 4 PLACES ±, 3 PLACES ±, 2 PLACES ± 0.05, 1 PLACE ± 0.3, 0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

SCALE: mm 3:2

GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0°

EC NO: 707699  
 DRWN: MDHARMANTI 2022/05/02  
 CHK'D: RSILLER 2022/05/24  
 APPR: RSILLER 2022/05/24

INITIAL REVISION:  
 DRWN: MDHARMANTI 2022/05/02  
 APPR: RSILLER 2022/05/24

CURRENT REV DESC: MIGRATED & REVISED

**molex**

M12U 8P FEM STR PUR XM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 1200795024  
 DOC TYPE: PSD  
 DOC PART: 000  
 REVISION: A

MATERIAL NUMBER: SEE PART LIST  
 CUSTOMER: GENERAL MARKET  
 SHEET NUMBER: 1 OF 1