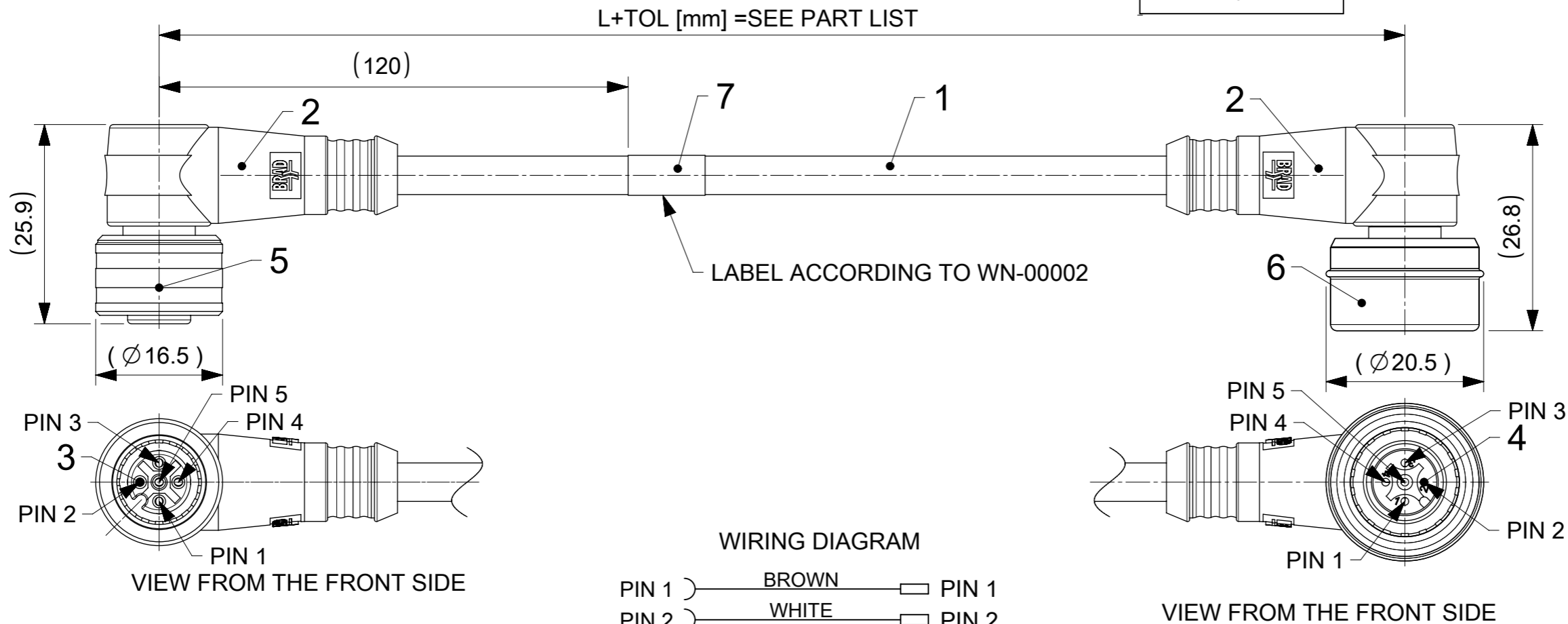
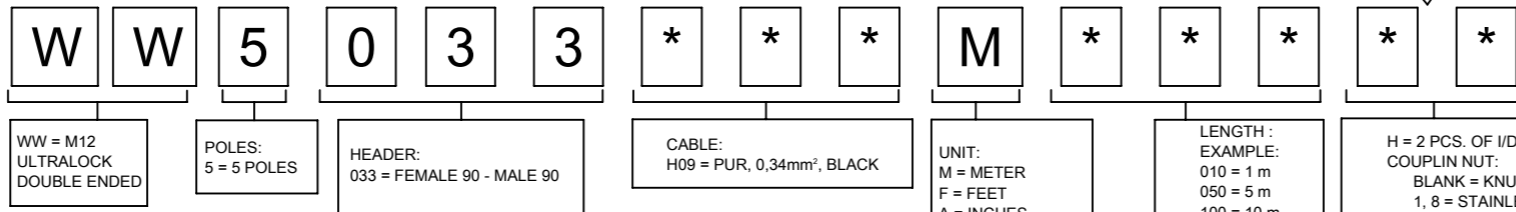


PART No MATRIX



WIRING DIAGRAM



BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
8	1	GROMMET A-1x20	-	-
7	1	STANDARD WRAP LABEL	VINYL	YELLOW
6	1	ULTRA M12 5P ASSEMBLY	-	-
5	1	PLUG U12 FEMALE 5P	-	-
4	5	CONTACT 10 MALE	BRASS	GOLD-PLATED
3	5	CONTACT 10 FEMALE	CuSn6	GOLD-PLATED
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 5X0.34mm LSZH	PUR	BLACK

PART LIST

MOLEX PN	ENGINEERING NO	L+TOL [mm]
1200808040	WW5033H09M010	1000+56
1200808053	WW5033H09M100	10000+317
1200808069	WW5033H09M030	3000+89
1200808108	WW5033H09M050	5000+165
1200808109	WW5033H09M012	1200+56
1200808110	WW5033H09M025	2500+89
1200808111	WW5033H09M040	4000+165
1200808112	WW5033H09M060	6000+165
1200808168	WW5033H09M003	300+19
1200808169	WW5033H09M005	500+45
1200808170	WW5033H09M015	1500+56

NOTES :  
 ELECTRICAL DATA :  
 VOLTAGE RATING : 60V  
 AMPERAGE RATING : 4A  
 INSULATION RESISTANCE : 10<sup>8</sup>Ω MIN.  
 MATING CYCLES : MIN. 100

ENVIRONMENTAL :  
 PROTECTION : IP67/IP68/IP69K IN MATED AND LOCKED POSITION  
 OPERATING TEMPERATURE : -25°C TO +80°C

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

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

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

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

CURRENT REV DESC: MALE PLUG UPDATED

EC NO: 695694  
 DRWN: MDHARMANTI 2022/01/17  
 CHK'D: RSILLER 2022/02/15  
 APPR: RSILLER 2022/02/15

INITIAL REVISION:  
 DRWN: MDHARMANTI 2022/01/17  
 APPR: RSILLER 2022/02/15

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE  
 SERIES: 120080  
 MATERIAL NUMBER: SEE PART LIST  
 CUSTOMER: GENERAL MARKET

SCALE: 3:2

GENERAL TOLERANCES (UNLESS SPECIFIED)  
 ANGULAR TOL ± 1.0°

EC NO: 695694  
 DRWN: MDHARMANTI 2022/01/17  
 CHK'D: RSILLER 2022/02/15  
 APPR: RSILLER 2022/02/15

INITIAL REVISION:  
 DRWN: MDHARMANTI 2022/01/17  
 APPR: RSILLER 2022/02/15

THIRD ANGLE PROJECTION

DRAWING: A3-SIZE  
 SERIES: 120080  
 MATERIAL NUMBER: SEE PART LIST  
 CUSTOMER: GENERAL MARKET

DOCUMENT NUMBER: 1200808168  
 DOC TYPE: PSD  
 DOC PART: 000  
 REVISION: A

SHEET NUMBER: 1 OF 1

**molex**

CSE U12 U12 5P AC FE RA LSOH MA RA XM

PRODUCT CUSTOMER DRAWING