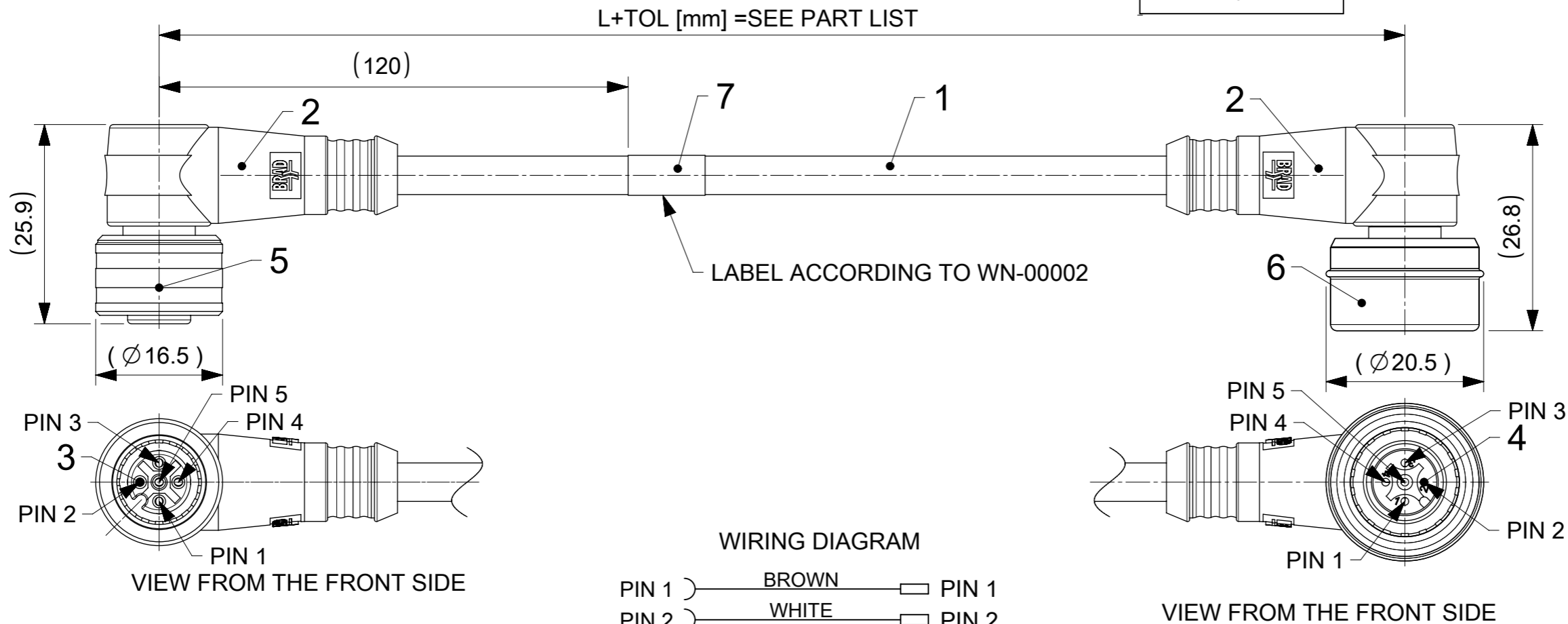
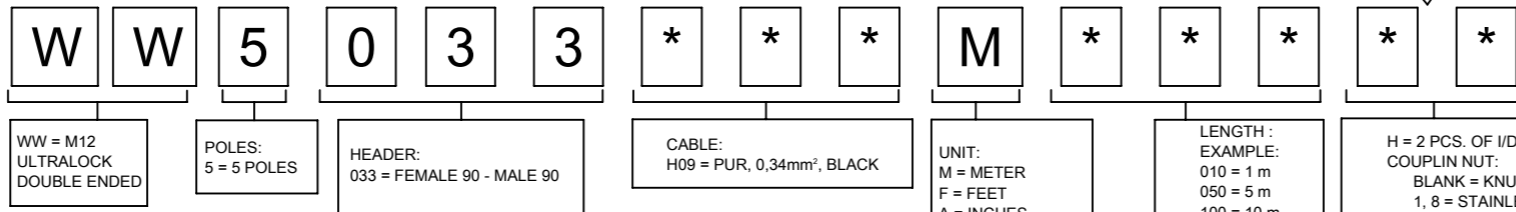


PART No MATRIX



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 : 10⁸Ω MIN.
 MATING CYCLES : MIN. 100

ENVIRONMENTAL :

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

FUNCTIONAL SYMBOLS	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		molex		
	DIMENSION UNITS: mm SCALE: 3:2 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	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	EC NO: 695694 DRWN: MDHARMANTI 2022/01/17 CHK'D: RSILLER 2022/02/15 APPR: RSILLER 2022/02/15			
DIVISIONAL SYMBOLS	EC NO: 695694 DRWN: MDHARMANTI 2022/01/17 CHK'D: RSILLER 2022/02/15 APPR: RSILLER 2022/02/15			CSE U12 U12 5P AC FE RA LSOH MA RA XM PRODUCT CUSTOMER DRAWING		
DOCUMENT NUMBER: 1200808168 DOC TYPE: PSD DOC PART: 000 REVISION: A				MATERIAL NUMBER: SEE PART LIST CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 1		