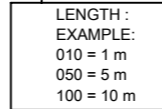
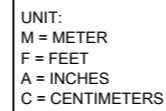
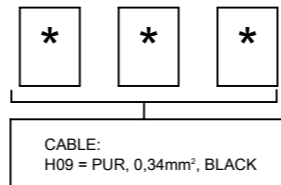
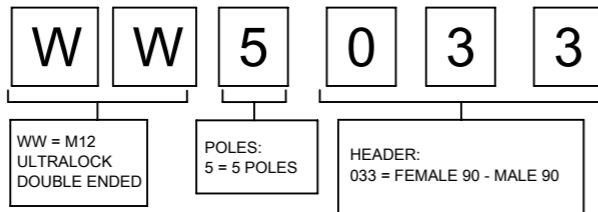
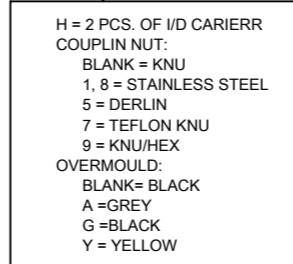
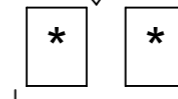


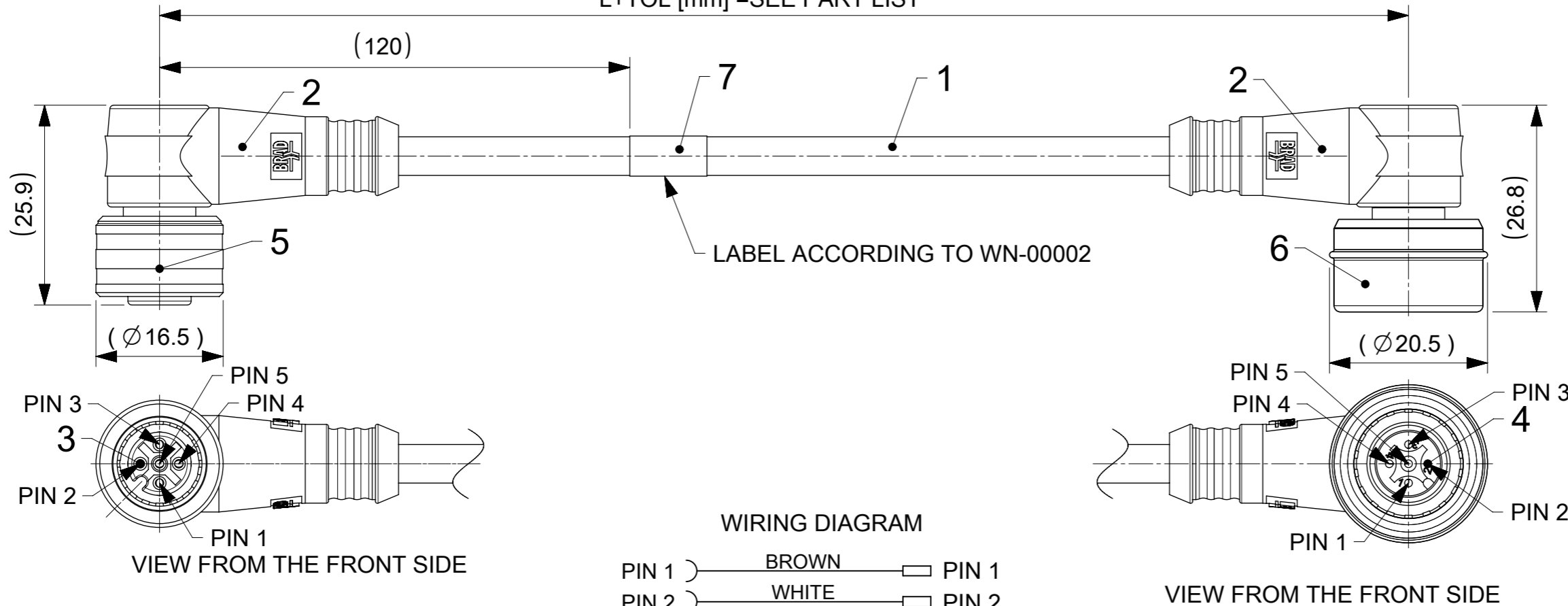
**PART No MATRIX**



**OPTIONS**



L+TOL [mm] =SEE PART LIST



**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

FUNCTIONAL SYMBOLS FA=0 FE=0 FE=0	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		<b>molex</b>		
	DIMENSION UNITS: mm	SCALE: 3:2	CSE U12 U12 5P AC FE RA LSOH MA RA XM			
	GENERAL TOLERANCES (UNLESS SPECIFIED)	ANGULAR TOL ± 1.0°		PRODUCT CUSTOMER DRAWING		
	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	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	