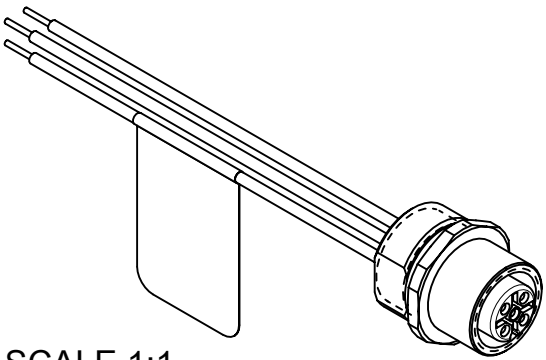
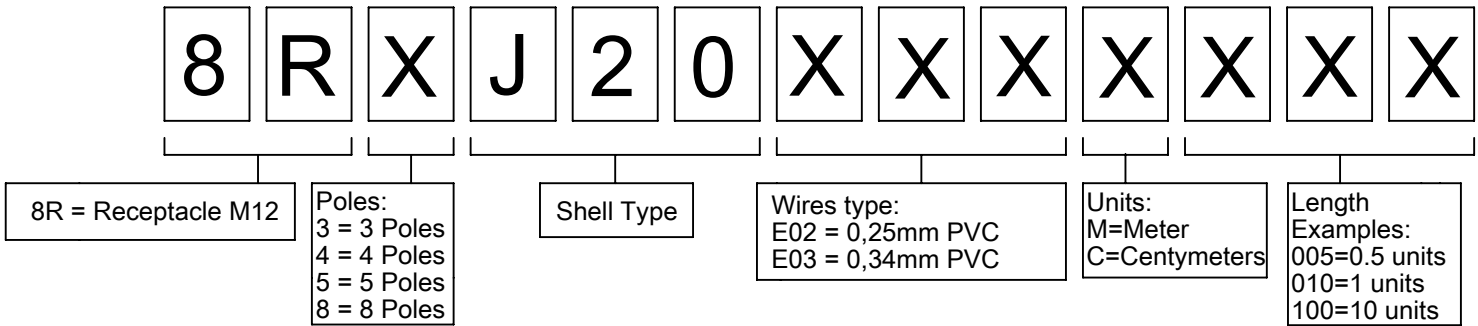


WIRES SPECIFICATION:

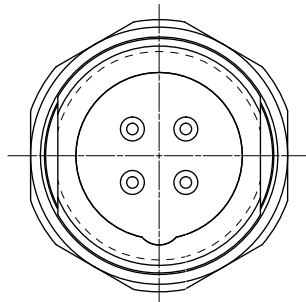
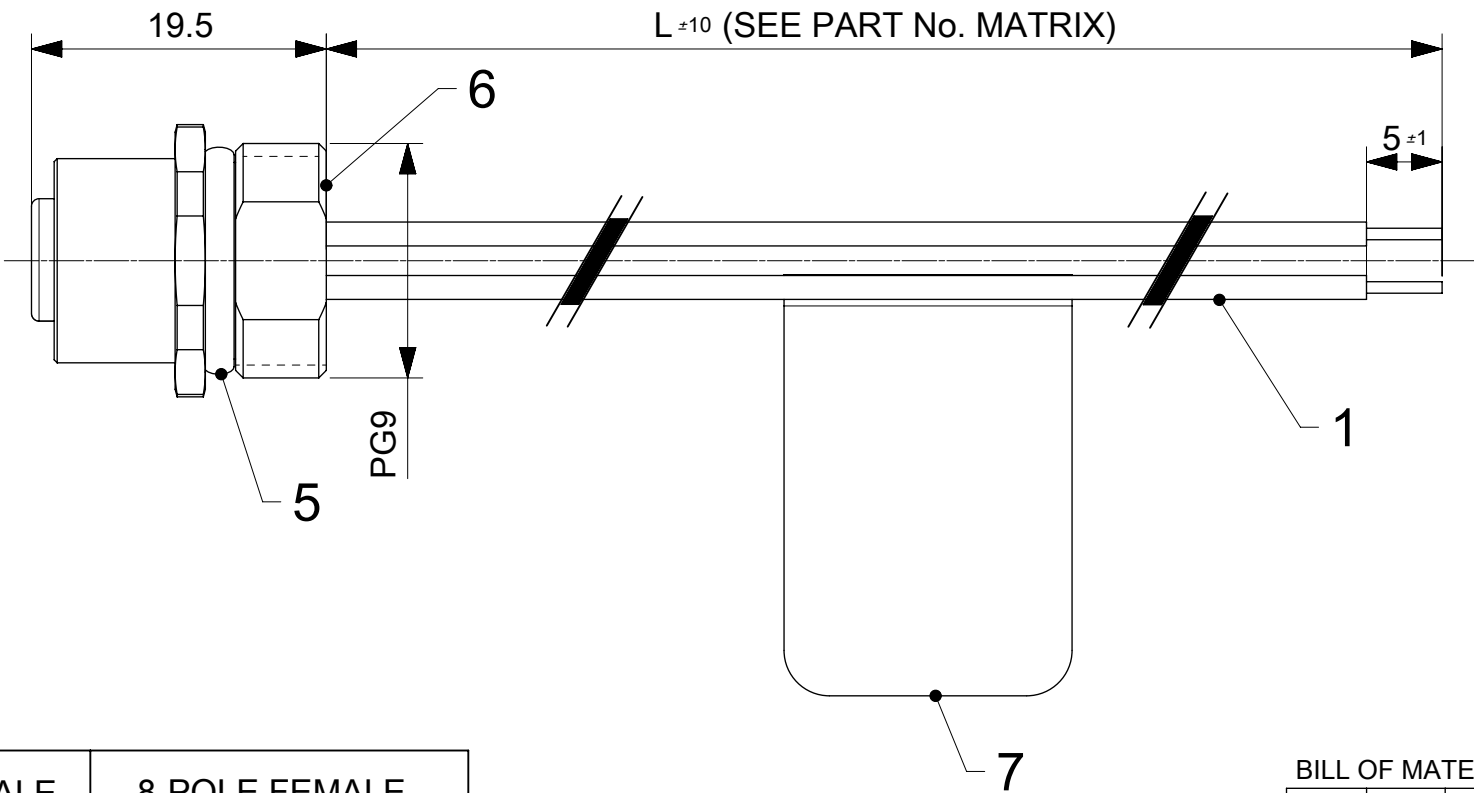
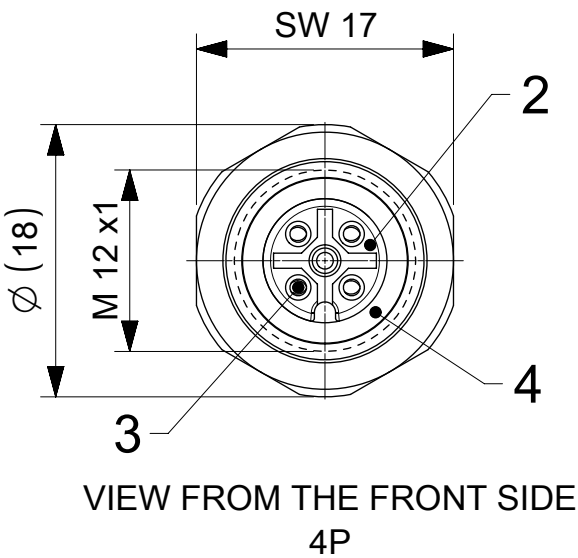
RATED VOLTAGE: 300V
RATED TEMPERATUE: 105°C
PRODUCT STANDARD CERTIFICATION: UL
FLAMMABILITY TEST: VW-1, CSA FT1
AWG: 22
CONSTRUCTION:17/0.16
INSULATION: PVC
INSULATION DIAMETER: 1.58 ±0.05mm

ENGINEERING NO. - NUMERICAL CODE

(Available parts see PART LIST table. Others on request).



SCALE 1:1



VIEW FROM THE BACK SIDE
4P

3-POLE FEMALE

VIEW FROM FRONT SIDE

PIN	WIRE COLOR
1	BROWN
2	-
3	BLUE
4	BLACK

4-POLE FEMALE

VIEW FROM FRONT SIDE

PIN	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK

5-POLE FEMALE

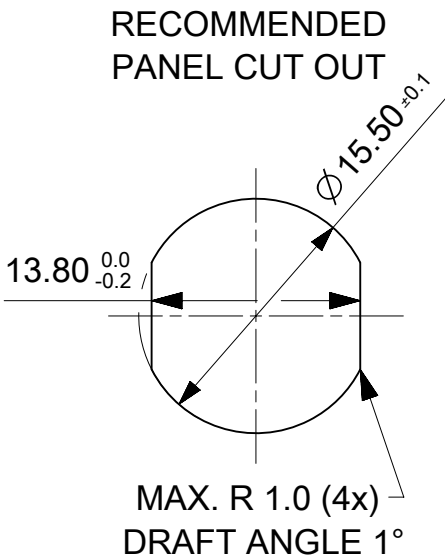
VIEW FROM FRONT SIDE

PIN	WIRE COLOR
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GRAY/YELLOW

8-POLE FEMALE

VIEW FROM FRONT SIDE

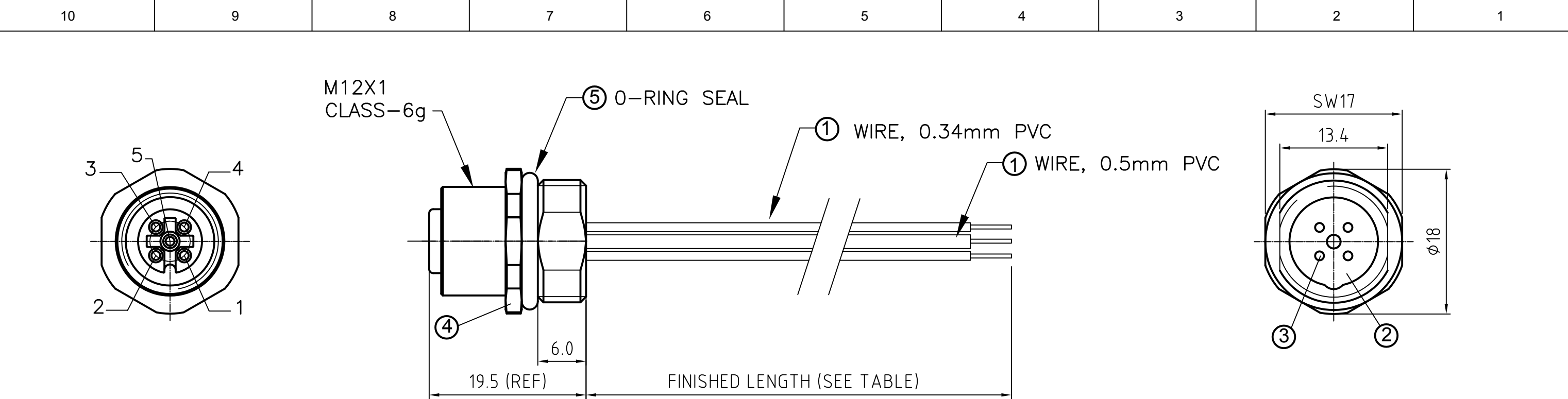
PIN	WIRE COLOR
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED



BILL OF MATERIALS

7	1	LABEL	VINYL	-
6	1	POTTING MATERIAL	PUR	-
5	1	O-Ring	NBR	-
4	1	GASKET M12	FPM	-
3	8	CONTACT FEMALE	BRASS	-
2		INSERT M12 FE	ELASTOLLAN	-
1	-	WIRE 22AWG D1.58 UL1569	PVC	-
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex REC M12 XP AC FE XM PG9 FM							
	mm		2:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 1.0 °														
	4 PLACES														
	3 PLACES		±		EC NO: 796126			2024/08/22							
	2 PLACES		± 0.05		DRWN: VHANDI										
	1 PLACE		± 0.3		CHK'D: RSILLER										
	0 PLACES		± 0.5		APPR: RSILLER			2024/08/23							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		120070		1200705164		PSD		000		A1	

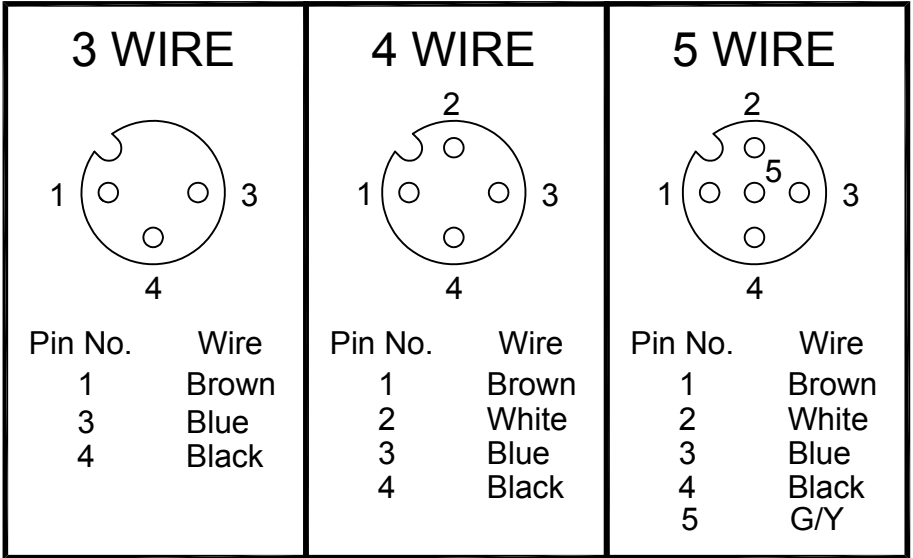


POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
3	1200705201	8R3J20E03C3003	0.3M ±10 -0 [0.98' +1.75" -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
4	1200705205	8R4J20E03C3003	0.3M ±10 -0 [0.98' +1.75" -0]

POL	MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
5	1200705207	8R5J20E03C3003	0.3M ±10 -0 [0.98' +1.75" -0]

FEMALE FACE VIEW



CONNECTOR SPECIFICATION:

VOLTAGE RATING	250 VAC/VDC
AMPERAGE RATING	max. 4 AMPS
PROTECTION	IP68
OPERATING TEMPERATURE	-20°C TO +80°C
ASSEMBLY IS RoHS COMPLIANT	

ITEM	COMPONENT	MATERIAL	FINISH
5	O-RING	VITON	BLACK
4	RECEPTACLE SHELLS	BRASS	NICKEL PLATED
3	CONTACT SOCKET	F.C.BRASS ASTM B16	GOLD OVER NICKEL
2	INSERT	NYLON 6/6	-
1	1-4 0.34 CONDUCT. 5 0.5 CONDUCT. 300V	PVC	-

DESCRIPTION EC NO: WEU2010-0391 DRWN: LSTEMMLE 2010/02/26 CHKD: NS APPR: NSTAUDIG 2010/03/03	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY LSTEMMLE	DATE 2010/02/26	MMC-3-5P-FE-REC-PG9-XM PVC 0.34 WIRE FRONT MOUNTING			
			4 PLACES	±---	±---	CHECKED BY FP	DATE 2010/03/01				
			3 PLACES	±---	±---	APPROVED BY	DATE	molex MOLEX INCORPORATED			
			2 PLACES	±---	±.01	NSTAUDIG	2010/03/03				
			1 PLACE	±0.3	±---	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-120070-019				SHEET NO. 1 OF 1
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					