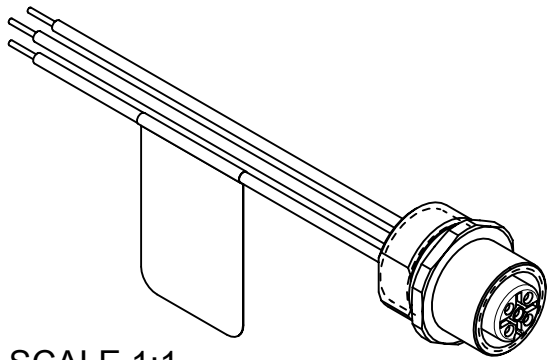
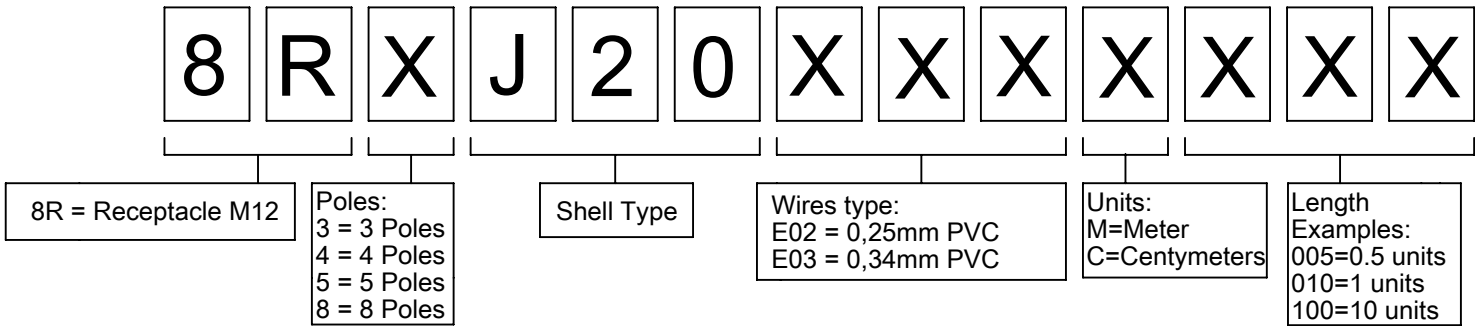


WIRES SPECIFICATION:

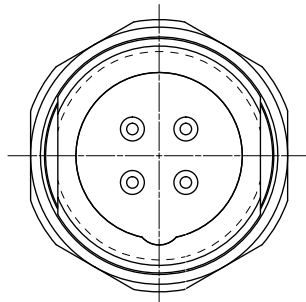
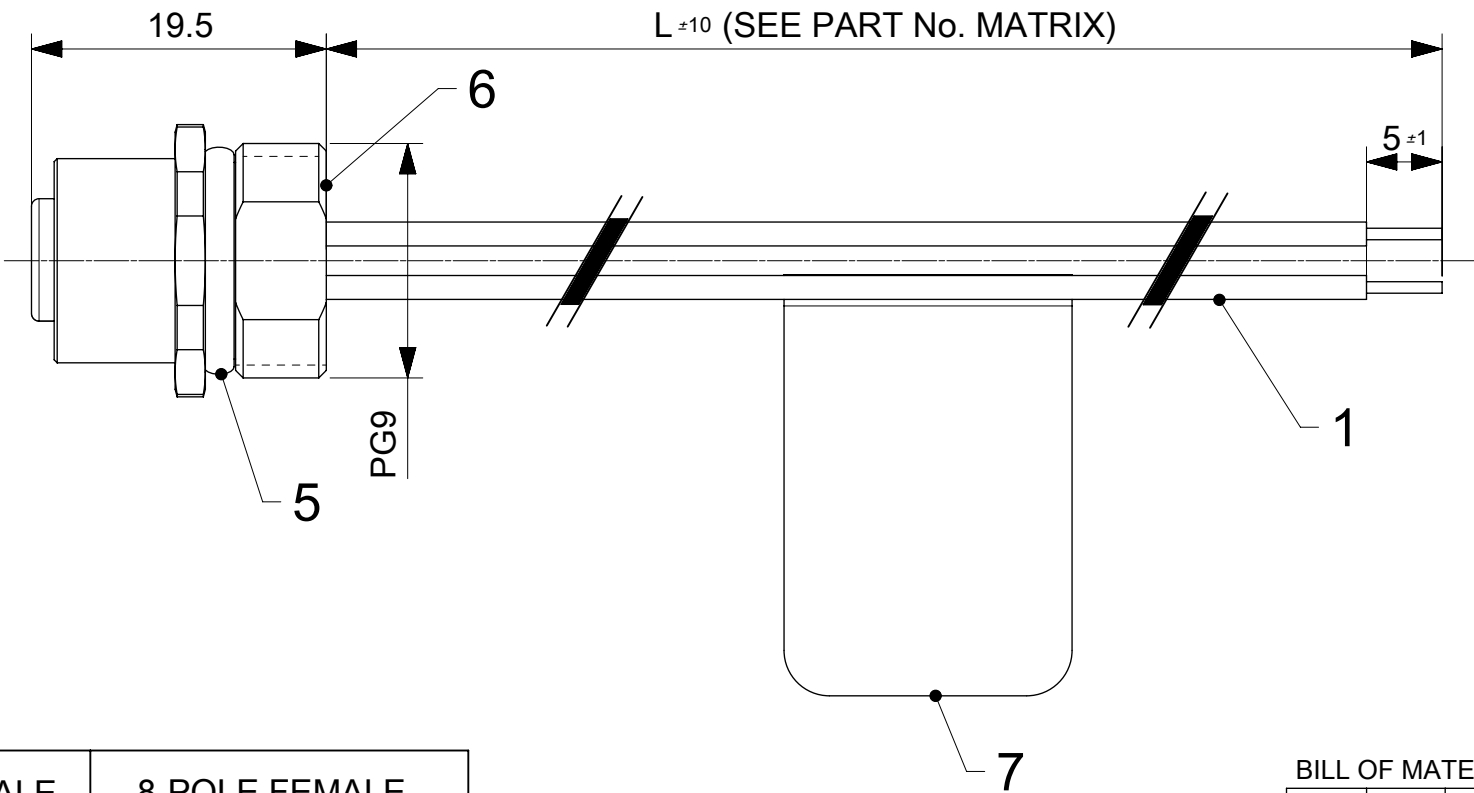
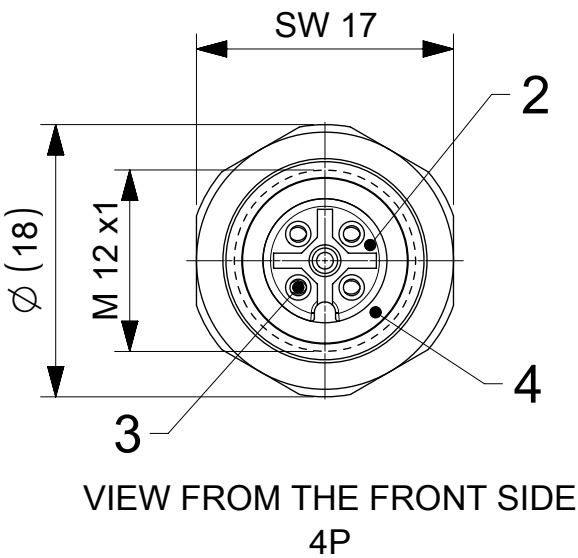
RATED VOLTAGE: 300V
RATED TEMPERATUE: 105°C
PRODUCT STANDARD CERTIFICATION: UL
FLAMMABILITY TEST: VW-1, CSA FT1
AWG: 22
CONSTRUCTION:17/0.16
INSULATION: PVC
INSULATION DIAMETER: 1.58 ±0.05mm

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

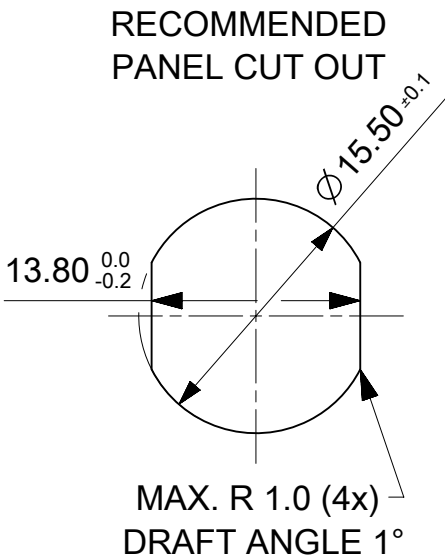
VIEW FROM FRONT SIDE

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		±		PRODUCT CUSTOMER DRAWING										
	2 PLACES		± 0.05												
	1 PLACE		± 0.3												
	0 PLACES		± 0.5												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING				SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART	
				A3-SIZE		120070		1200705164		PSD		000		A1	

PART LIST

[illegible]

MOLEX PN	Engineering No.	Length
3 POLE E03		
1200705201	8R3J20E03C3003	0.3m
1200708191	8R3J20E03C6003	0.6m
4 POLE E03		
1200705163	8R4J20E03C200	0.2m
1200705205	8R4J20E03C3003	0.3m
1200705164	8R4J20E03C500	0.5m
1200708185	8R4J20E03C6003	0.6m
1200708162	8R4J20E03M020	2m
5 POLE E03		
1200705207	8R5J20E03C3003	0.3m
1200708192	8R5J20E03C6003	0.6m
1200708326	8R5J20E03M0103	1m
1200705240	8R5J20E03M0203	2m
8 POLE E03		
1200705174	8R8J20E03C200	0.2m
1200705175	8R8J20E03C500	0.5m

NOTES:

ELECTRICAL DATA:

VOLTAGE RATING: 250V- 3P & 4P
60V- 5P
30V- 8P

AMPERAGE RATING: 4A- 3P, 4P & 5P
2A- 8P

INSULATION RESISTANCE: $10^8 \Omega$ MIN.

MATING CYCLES: MIN. 100

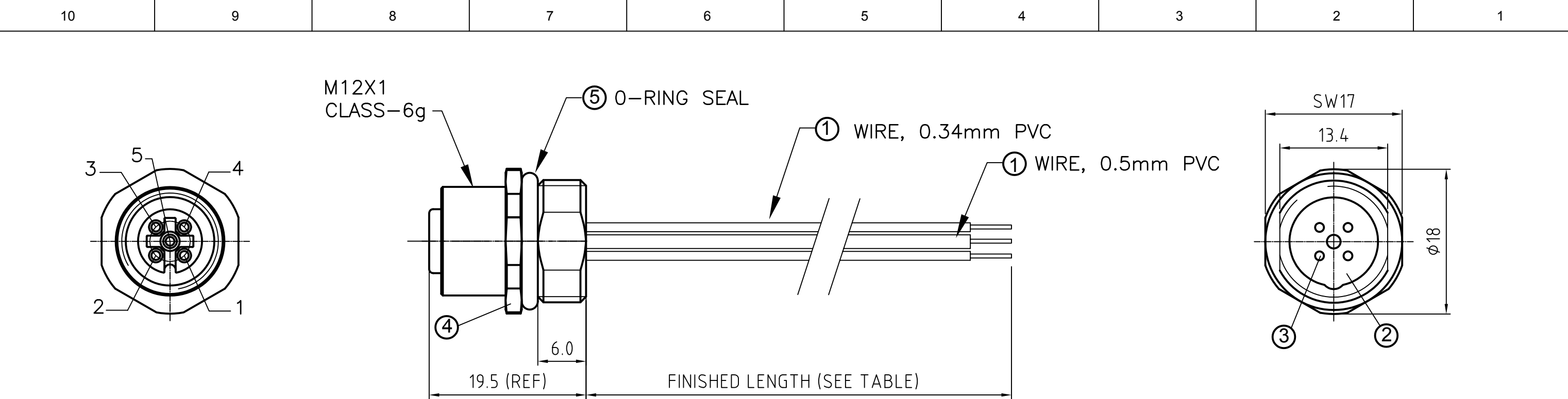
ENVIRONMENTAL:

PROTECTION: IP67

OPERATING TEMPERATURE: -20°C TO +105°C

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				
	mm		1:1								
	FA = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				REC M12 XP AC FE XM PG9 FM				
	FE = 0										
	FE = 0		ANGULAR TOL ± 1.0 °		PRODUCT CUSTOMER DRAWING						
	4 PLACES		±								
	3 PLACES		±		EC NO: 796126						
	2 PLACES		± 0.05		DRWN: VHANDI 2024/08/22						
	1 PLACE		± 0.3		CHK'D: RSILLER 2024/08/23						
0 PLACES		± 0.5		APPR: RSILLER 2024/08/23							
DIVISIONAL SYMBOLS	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
					1200705164		PSD	000	A1		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
							A4-SIZE	120070	SEE PART LIST	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2024/08/23	05:58:30
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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]

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	-

FEMALE FACE VIEW

3 WIRE

Pin No.	Wire
1	Brown
3	Blue
4	Black

4 WIRE

Pin No.	Wire
1	Brown
2	White
3	Blue
4	Black

5 WIRE

Pin No.	Wire
1	Brown
2	White
3	Blue
4	Black
5	G/Y

DESCRIPTION EC NO: WEU2010-0391 DRWN: LSTEMMLE 2010/02/26 CHKD: NS APPR: NSTAUDIG 2010/03/03	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 NSTAUDIG		DATE 2010/03/03	molex MOLEX INCORPORATED				
		2 PLACES	±---	±.01								
		1 PLACE	±0.3	±---								
		ANGULAR ± --- °										
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-120070-019		SHEET NO. 1 OF 1			
1	REV			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							