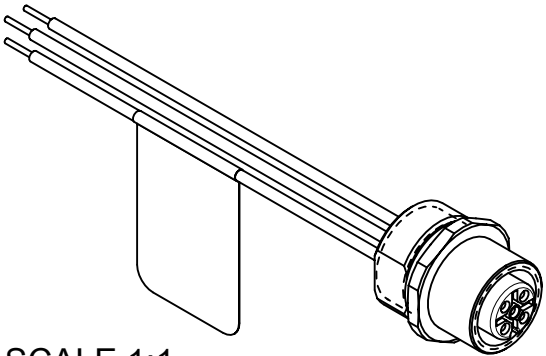
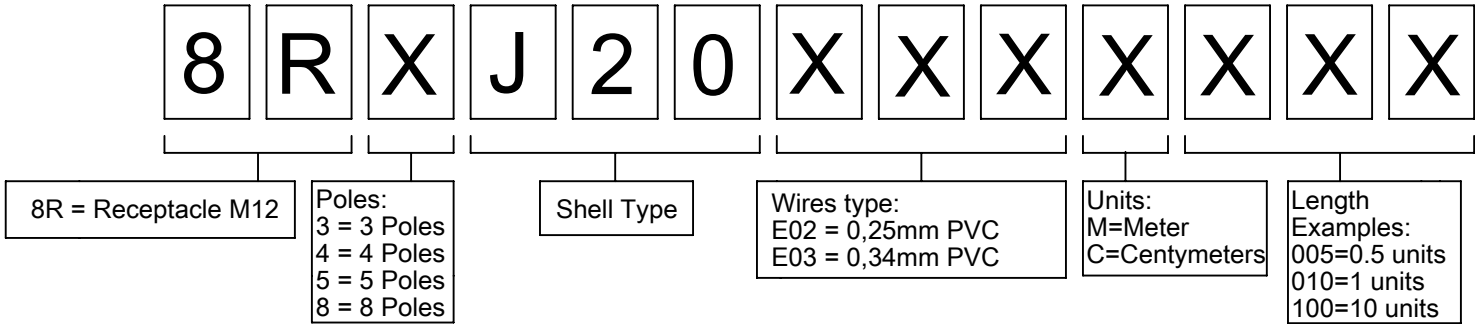


WIRES SPECIFICATION:

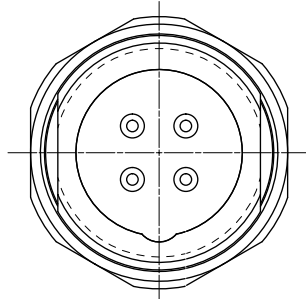
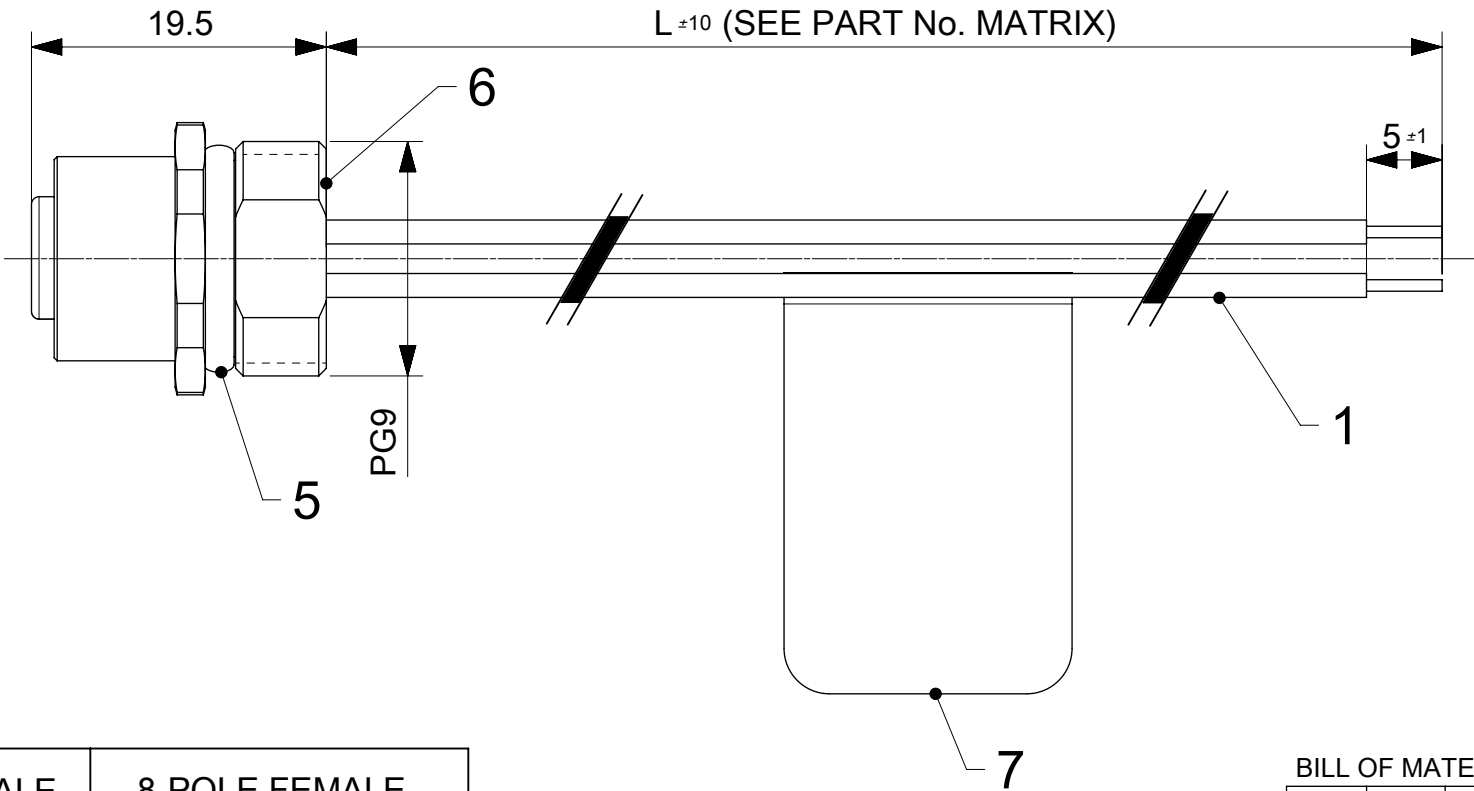
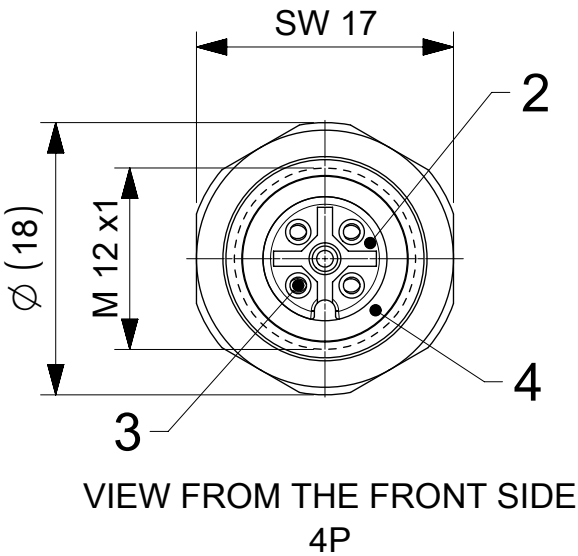
RATED VOLTAGE: 300V
RATED TEMPERATUE: 105°C
PRODUCT STANDARD CERTIFICATION: UL
FLAMMABILITY TEST: VW-1, CSA FT1
AWG: 22
CONSTRUCTION:17/0.16
INSULATION: PVC
INSULATION DIAMETER: 1.58 ±0.05mm

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

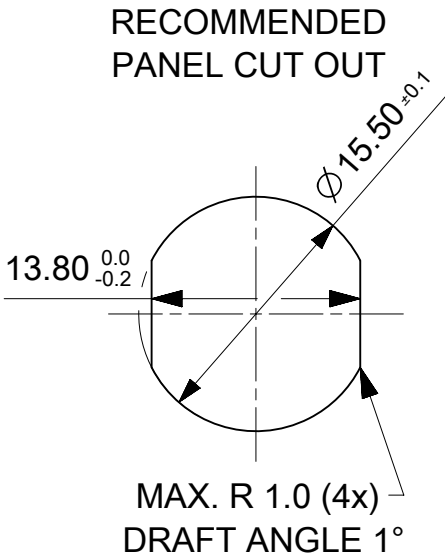
VIEW FROM FRONT SIDE

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

CURRENT REV DESC:

EC NO: 796126
DRWN: VHANDI
CHK'D: RSILLER
APPR: RSILLER

INITIAL REVISION:
DRWN: FGAIK
APPR: RSILLER

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION UNITS

mm

SCALE

2:1

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 1.0°

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DOCUMENT NUMBER

1200705164

DOC TYPE

PSD

DOC PART

000

REVISION

A1

SHEET NUMBER

1 OF 2

molex

REC M12 XP AC FE XM PG9 FM

PRODUCT CUSTOMER DRAWING

A3-SIZE

120070

SEE SHEET 2

GENERAL MARKET

PART LIST

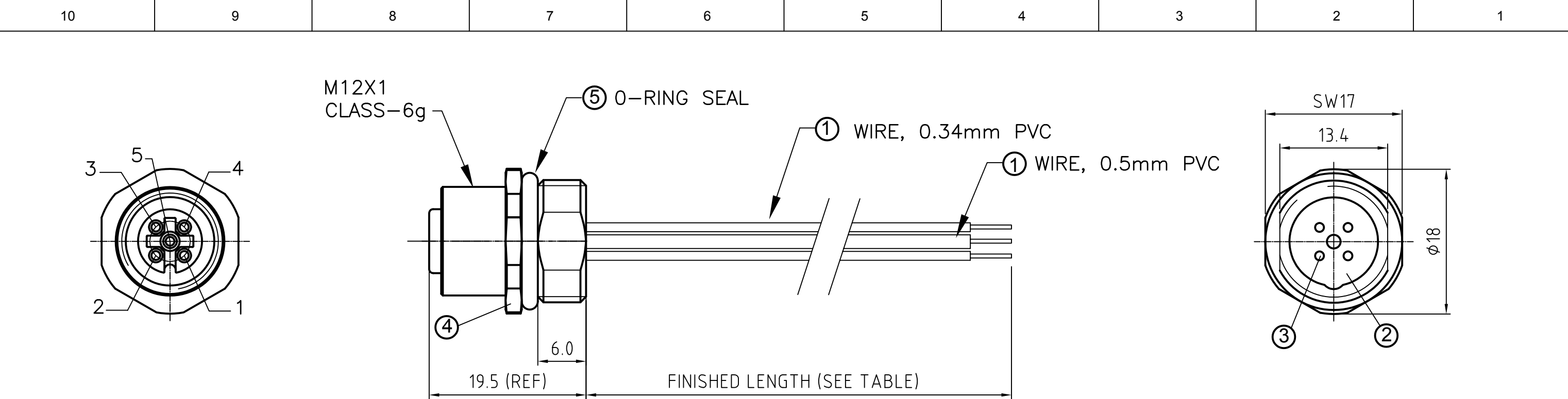
MOLEX PN	Engineering No.	Length
4 POLE E02		
1200708170	8R4J20E02M030	3m
8 POLE E02		
1200705208	8R8J20E02C3003	0.3m
1200708327	8R8J20E02M0103	1m
1200705242	8R8J20E02M0203	2m
1200708339	8R8J20E02M0303	3m

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: 10⁸ Ω MIN.
MATING CYCLES: MIN. 100
ENVIRONMENTAL:
PROTECTION: IP67
OPERATING TEMPERATURE: -20°C TO +105°C

DOCUMENT STATUS	P1	RELEASE DATE	2024/08/23	05:58:30
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: <						



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	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
			ANGULAR ± --- °			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		

1	REV
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