

PART No MATRIX

8	R	4	J	3	0	X	X	X	X	X	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---	---

8R = Micro-Change
Receptacle

Poles:
4 = 4 Poles

Heads style:
J30 = Female contact,
Female thread M12
PG9 Mounting Thread

Cable:
E03 - 22AWG

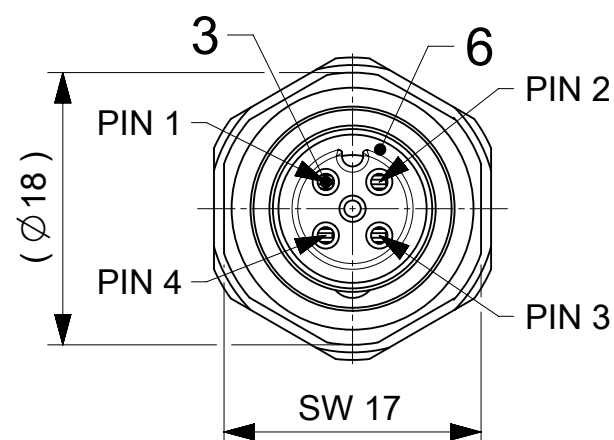
Units:
M = Meter
C = Centimeter

Length
Examples:
M005 = 0.5m
M010 = 1m
M020 = 2m
C300 = 0.3m
C500 = 0.5m

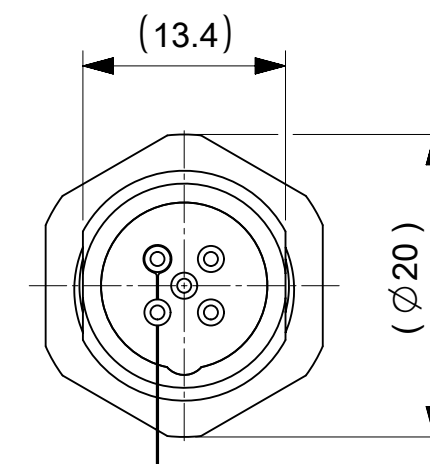
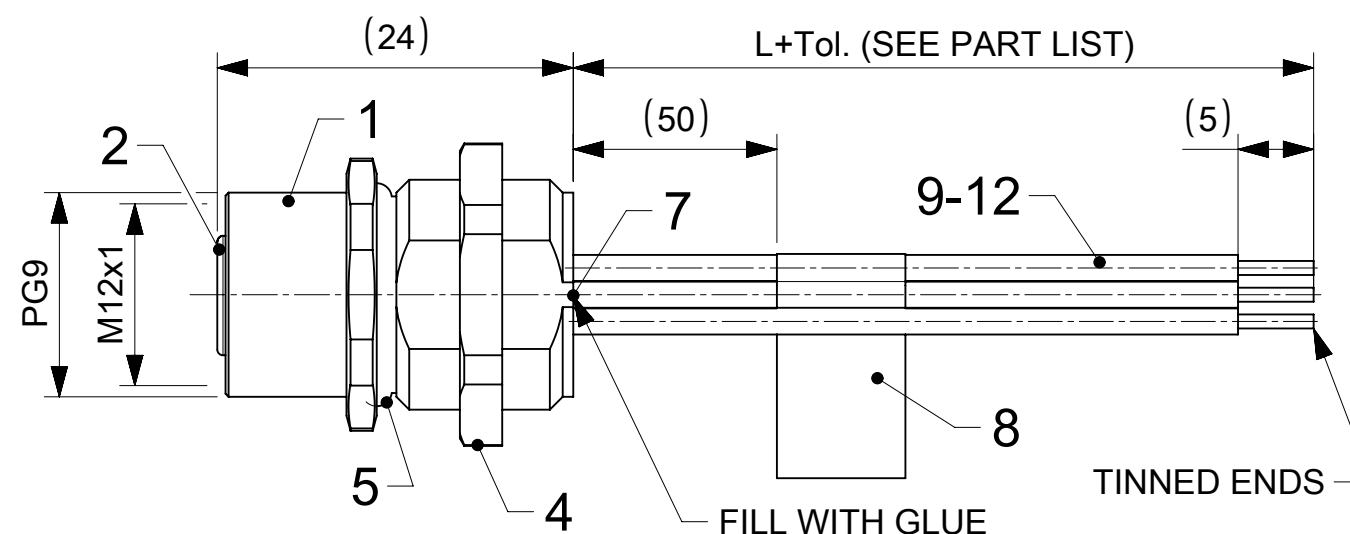
Nut material:
3= Brass Nickel
Plated (Standard)

WIRING DIAGRAM

PIN 1	)	BROWN
PIN 2	)	WHITE
PIN 3	)	BLUE
PIN 4	)	BLACK

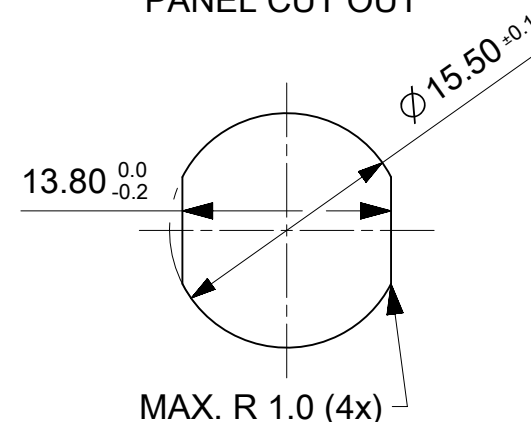


VIEW FROM THE FRONT SIDE



VIEW FROM THE BACK SIDE

RECOMMENDED
PANEL CUT OUT



MAX. R 1.0 (4x) –
DRAFT ANGLE 1°

PART LIST

MOLEX PN	ENGINEERING NO	L+Tol.[mm]
1200700395	8R4J30E03C3003	300 +19
1200705053	8R4J30E03C300	300 +19
1200110756	8R4J30E03C5003	500 +45
1200705054	8R4J30E03C500	500 +45
1200705020	8R4J30E03M0103	1000 +56
1200705021	8R4J30E03M0203	2000 +89
1200110024	8R4J30E03M0403	4000 +165
1200708013	8R4J30E03M0703	7000 +165

NOTES:
ELECTRICAL DATA:
VOLTAGE RATING: 250V
AMPERAGE RATING: 4A
INSULATION RESISTANCE: $10^8 \Omega$ MIN.
MATING CYCLES: MAX. 100

ENVIRONMENTAL:
PROTECTION: IP67
OPERATING TEMPERATURE: -25°C TO +85°C

BOM

12	-	WIRES 22AWG	PVC	BLACK
11	-	WIRES 22AWG	PVC	WHITE
10	-	WIRES 22AWG	PVC	BLUE
9	-	WIRES 22AWG	PVC	BROWN
8	1	LABEL WRAP	VINYL	YELLOW
7	-	POTTING MATERIAL	WEVO	-
6	1	GASKET	FPM	RED
5	1	O-RING	NBR	BLACK
4	1	LOCKNUT PG9	BRASS	NICKEL PLATED
3	4	TERMINAL CONTACT	BRASS	Ni-PLATED
2	1	INSERT M12 5P FE	PUR	BLACK
1	1	REC SHELL M12(FE)xPG9(M)	BRASS	NICKEL PLATED
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/MATERIAL

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
</											