

6

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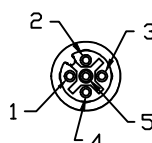
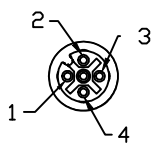
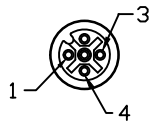
1

FACE VIEW - FEMALE INSERT

3P

4P

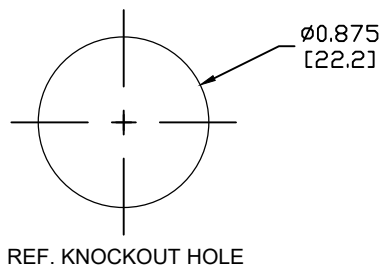
5P



1-BROWN
3-BLUE
4-BLACK

1-BROWN
2-WHITE
3-BLUE
4-BLACK

1-BROWN
2-WHITE
3-BLUE
4-BLACK
5-GRAY



REF. KNOCKOUT HOLE

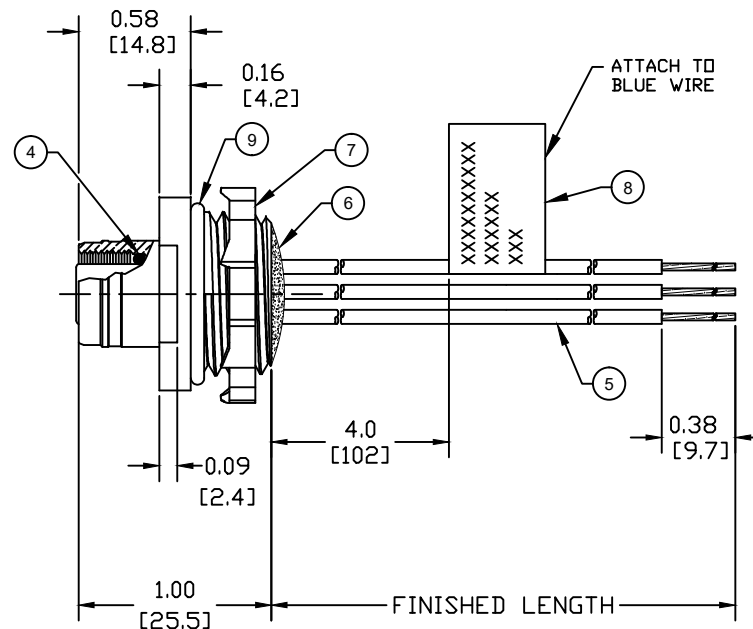
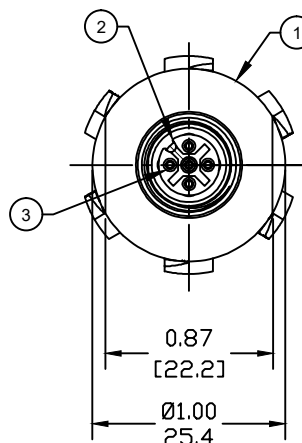
CABLE LENGTH TOLERANCES
>.3M [1FT]: +19mm-0 [+1.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

PART NUMBER LEGEND

WR4000A18M0108

POLES

SS SHELL

WIRE TYPE
22 AWG PVCFINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
VOLTAGE: 250V
CURRENT: 4A
4. TEMP RATING: -25°TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12 X 1
7. CSA RECOGNIZED PER FILE: LR6837
8. ALL DIMS ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

PART NO.	ENGINEERING NO.	FINISHED LENGTH	POLES
1200840025	WR5000A16C300	0.3M [1'0"]	5
1200840023	WR5000A18M0108	1.0M [3'3"]	5

ITEM	DESCRIPTION	MATERIAL	FINISH
9	GASKET	BUNA-N	BLACK
8	FLAG LABEL	VINYL	BLACK/YELLOW
7	LOCK NUT	STEEL	ZINC PLATED
6	POTTING MATERIAL	EPDXY	
5	WIRE, 22 AWG UL 1061	PVC INSULATION	SEE FACE VIEW
4	O-RING	VITON	RED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	NYLON	BLACK
1	RECEPTACLE SHELL	ST. STEEL	PASSIVATED

RELEASE
EC NO: IGC2020-0011
DRWN: JCAPPOZZ 2019/08/01
CHKD: RSTONE 2019/08/01
APPR: BWOODMAN 2019/08/15

QUALITY
SYMBOLS

0=0
C=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±.005
2 PLACES	±0.05	±.010
1 PLACE	±0.10	±---

ANGULAR ± 5°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
INCH ONLY

DRAWN BY DATE
JCAPPOZZ 2019/08/01
CHECKED BY DATE
RSTONE 2019/08/01
APPROVED BY DATE
BWOODMAN 2019/08/15

SCALE
NTSDESIGN UNITS
INCHTHIRD ANGLE
PROJECTION

TITLE
M12 U-LOCK RECEPT ASSY
3, 4, 5P F/FR 1/2 NPT

MOLEX INCORPORATED

MATERIAL NO.
SEE P/N CHART

DOCUMENT NO.
SD-120084-182

SHEET NO.
1 OF 1

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

6

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