

F

E

D

C

B

A

F

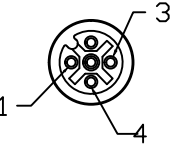
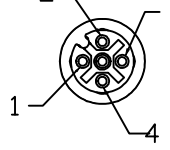
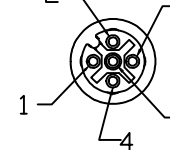
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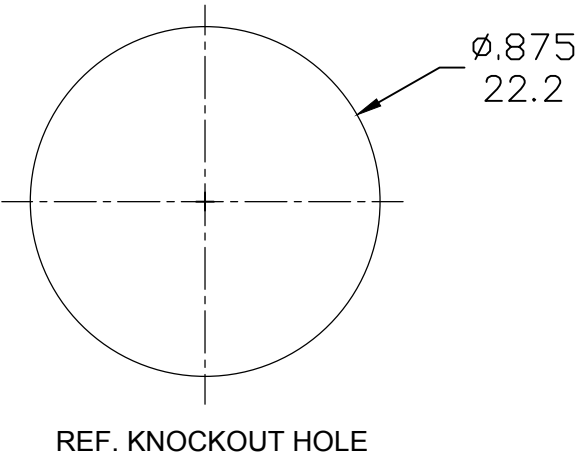
D

C

B

A

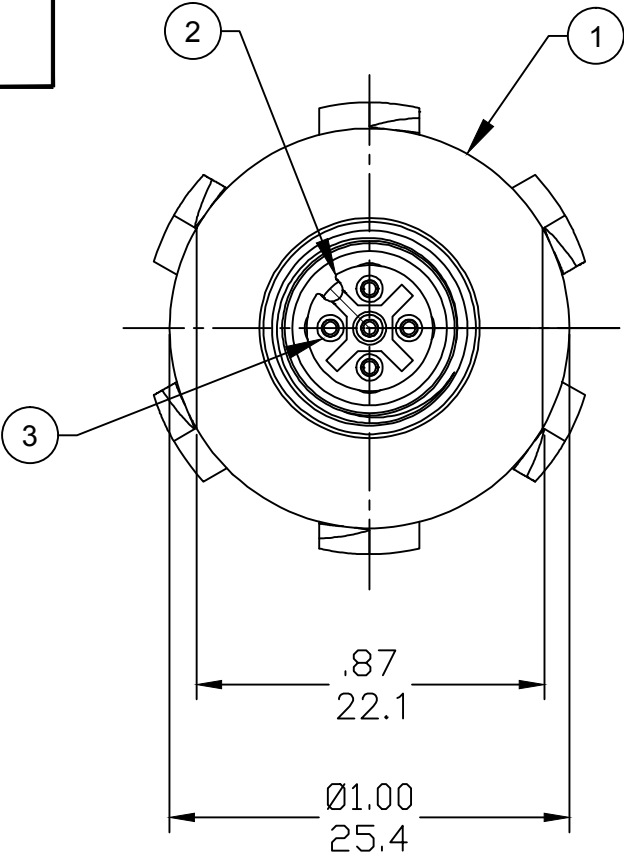
FACE VIEW - FEMALE INSERT		
3P	4P	5P
		
1-BROWN 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK 5-GRAY



- 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

8	FLAG LABEL	VINYL	BLACK/YELLOW
7	LOCK NUT	STEEL	ZINC PLATED
6	POTTING MATERIAL	EPOXY	
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
ITEM	DESCRIPTION	MATERIAL	FINISH

CABLE LENGTH TOLERANCES	
>.3M [1FT]:	+19mm-0 [+.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

WIRE TYPE
22 AWG PVC

SS SHELL

FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER

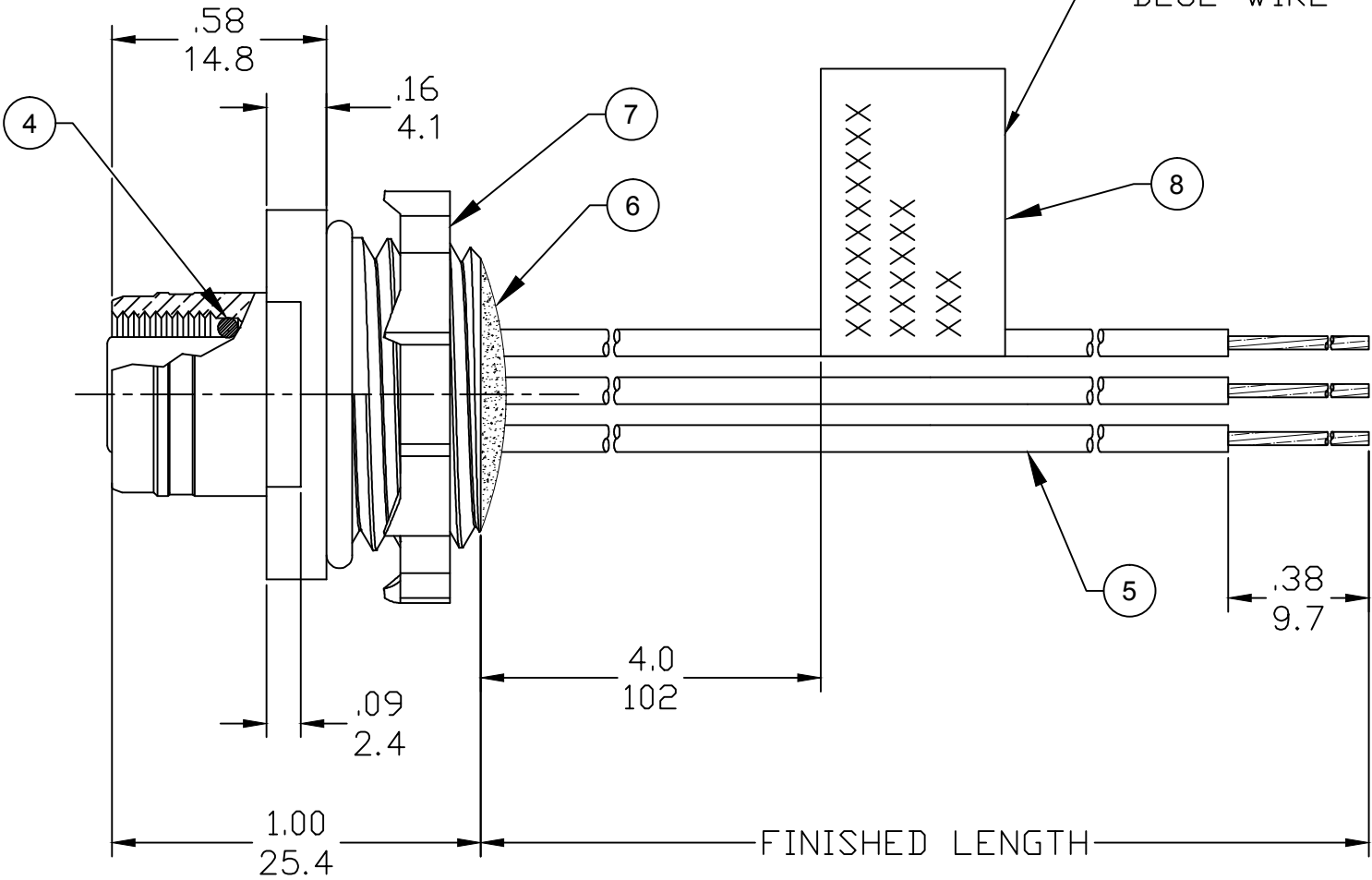
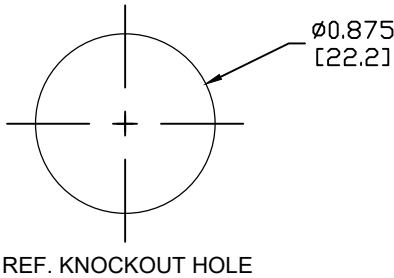


CHART	PART NO.	ENGINEERING NO.	FINISHED LENGTH	POLES
	1200840064	WR4000A18M0108	1.0M [3'3"]	4
	1200840023	WR5000A18M0108	1.0M [3'3"]	5

RELEASED EC NO: IPG2018-0167 DRWN: RSTONE 2017/09/19 CHKD: M ZIELIN APPR: BWOODMAN2017/10/04 A	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY RSTONE	DATE 2017/09/19	TITLE M12 U-LOCK RECEPT ASSY 3, 4, 5P F/FR 1/2 NPT ----				
			4 PLACES	±---	±---	CHECKED BY M ZIELIN	DATE ---					
			3 PLACES	±---	±---	APPROVED BY BWOODMAN		DATE 2017/10/04	 MOLEX INCORPORATED	DOCUMENT NO. SD-120084-181	SHEET NO. 1 OF 1	
			2 PLACES	±---	±---	ANGULAR ±---°						
			1 PLACE	±---	±---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE CHART			

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



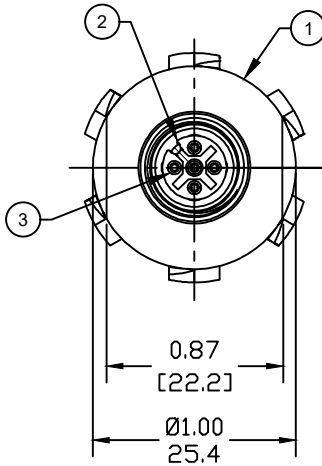
REF. KNOCKOUT HOLE

- 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

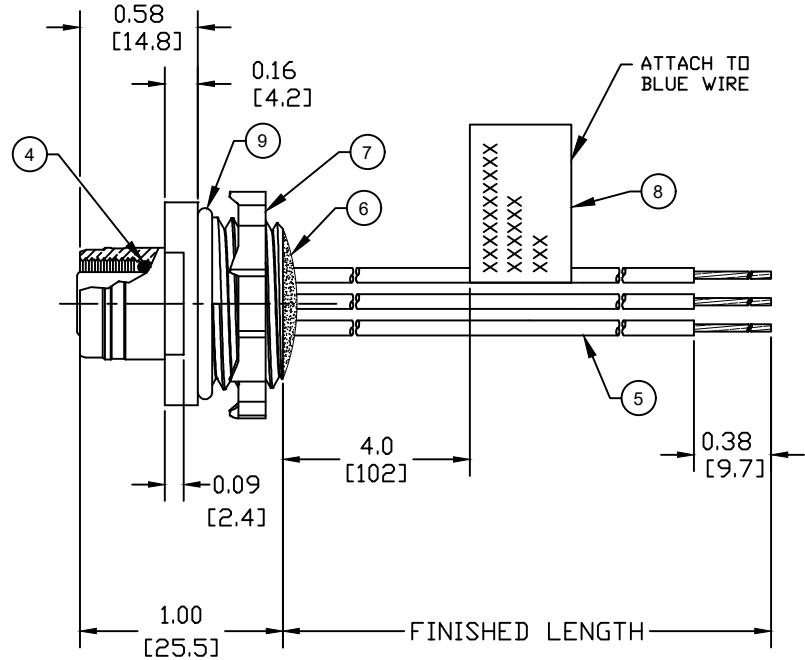
9	GASKET	BUNA-N	BLACK
8	FLAG LABEL	VINYL	BLACK/YELLOW
7	LOCK NUT	STEEL	ZINC PLATED
6	POTTING MATERIAL	EPOXY	
5	WIRE, 22 AWG UL 1061	PVC INSULATION	SEE FACE VIEW
4	O-RING	VITON	RED
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT	NYLON	BLACK
1	RECEPTACLE SHELL	ST. STEEL	PASSIVATED
ITEM	DESCRIPTION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

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/03	08:15:17
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CABLE LENGTH TOLERANCES
> .3M [1FT]: +19mm-0 [+.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]
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OVER 30M [100FT] +2% OF FINISHED LENGTH



PART NUMBER LEGEND
WR4000A18M0108
POLES
WIRE TYPE
22 AWG PVC
SS SHELL
FINISHED LENGTH:
M005= 0.5 METER
M010= 1 METER
M100= 10 METER



PART NO.	ENGINEERING NO.	FINISHED LENGTH	POLES
1200840023	WR5000A18M0108	1.0M [3'3"]	5

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: REMOVED OBSOLETE PART NUMBERS AS PER PCN#516874				molex M12 U-LOCK RECEPT ASSY 3, 4, 5P F/FR 1/2 NPT							
INCH NTS															
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 835282 DRWN: SANATK1 2025/08/20 CHK'D: GGA 2025/10/03 APPR: GGA 2025/10/03 INITIAL REVISION: DRWN: JCAPPOZZ 2019/08/01 APPR: BWOODMAN 2019/08/15											
	mm	INCH													
4 PLACES	±----	±----													
3 PLACES	±----	±0.005													
2 PLACES	±0.05	±0.01													
1 PLACE	±0.1	±----	PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION				
0 PLACES	±----	±----													
ANGULAR TOL ± 0.5 °				SD-120084-182		PSD		001		A1					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						A-SIZE		120084		SEE P/N CHART		GENERAL MARKET		1 OF 1	