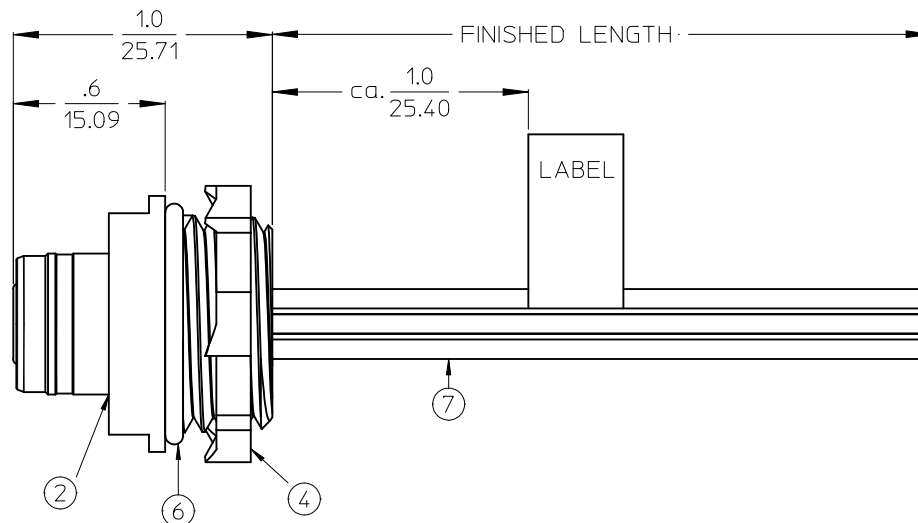
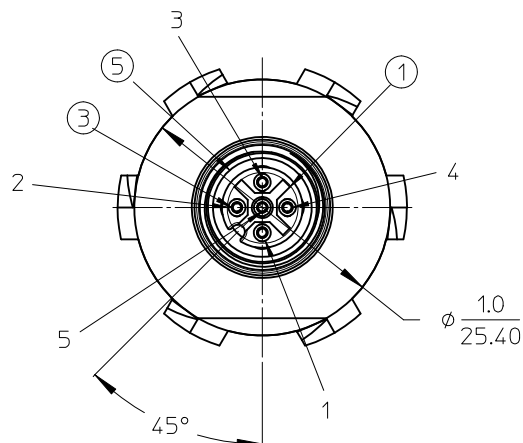


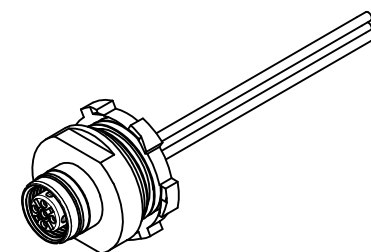
10 9 8 7 6 5 4 3 2 1



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

| ITEM | COMPONENT | MATERIAL     | FINISH        |
|------|-----------|--------------|---------------|
| 1    | INSERT    | TPU          | BLACK         |
| 2    | HOUSING   | BRASS        | NICKEL PLATED |
| 3    | CONTACT   | BRASS / GOLD | CuZn Ni/ Au   |
| 4    | LOCK NUT  | STEEL        | ZINK PLATED   |
| 5    | O-RING    | VITON        | RED           |
| 6    | O-RING    | NBR          | BLACK         |
| 7    | WIRES     | COPPER/PVC   | SEE TABLE     |

| POLE | MATERIAL NO | ENGINEERING NO | FINISHED LENGTH |
|------|-------------|----------------|-----------------|
| 4    | 1200840007  | WR4000A18C300  | 300 mm          |
| 5    | 1200840016  | WR5000A18C300  | 300 mm          |



VOLTAGE RATING: 250 VAC/VDC  
AMPERAGE RATING: 4A  
PROTECTION CLASS: IP 67/68/69K  
OPERATING TEMPERATURE: -25°C / 90°C  
UL CERTIFICATION: FILE NO. E152210  
CSA CERTIFICATIONS: FILE NO. LR6837

|                                                                                                                                 |             |                                   |                                                                                                                               |        |                          |                        |                    |                                                    |                                                                                                              |                               |                     |
|---------------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|--------------------------|------------------------|--------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|
| ENTER DESCRIPTION<br>EC NO: WEU2010-0369<br>DRAWN: NSTAUDIGEL 2010/02/17<br>CHKD: 2010/02/19<br>APPR: FPACHER 2010/02/24<br>REV | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                         |        | DIMENSION STYLE<br>IN/MM |                        | SCALE<br>2:1       | DESIGN UNITS<br>INCH                               |  THIRD ANGLE PROJECTION |                               |                     |
|                                                                                                                                 |             |                                   |                                                                                                                               | mm     | INCH                     | DRAWN BY<br>NSTAUDIGEL | DATE<br>2010/02/17 | TITLE<br>M12 4/5P UL FEM REC<br>FRONT MOUNT 1/2NPT |                                                                                                              |                               |                     |
|                                                                                                                                 |             |                                   | 4 PLACES                                                                                                                      | ± ---  | ± ---                    | CHECKED BY             | DATE               |                                                    |                                                                                                              |                               |                     |
|                                                                                                                                 |             |                                   | 3 PLACES                                                                                                                      | ± ---  | ± ---                    |                        |                    |                                                    |                                                                                                              |                               |                     |
|                                                                                                                                 |             |                                   | 2 PLACES                                                                                                                      | ± 0.05 | ± ---                    | APPROVED BY<br>FPACHER | DATE<br>2010/02/19 |                                                    |                                                                                                              | DOCUMENT NO.<br>SD-120084-027 | SHEET NO.<br>1 OF 1 |
|                                                                                                                                 |             |                                   | 1 PLACE                                                                                                                       | ± 0.1  | ± ---                    |                        |                    |                                                    |                                                                                                              |                               |                     |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                      |             |                                   | MATERIAL NO.                                                                                                                  |        | MOLEX INCORPORATED       |                        |                    |                                                    |                                                                                                              |                               |                     |
| SIZE<br>A3                                                                                                                      |             |                                   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |                          |                        |                    |                                                    |                                                                                                              |                               |                     |

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4

3

2

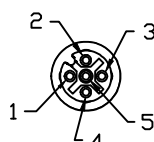
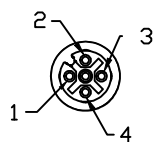
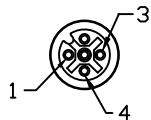
1

## FACE VIEW - FEMALE INSERT

3P

4P

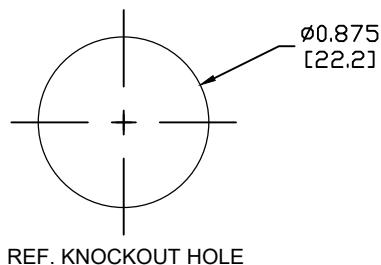
5P



1-BROWN  
3-BLUE  
4-BLACK

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

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



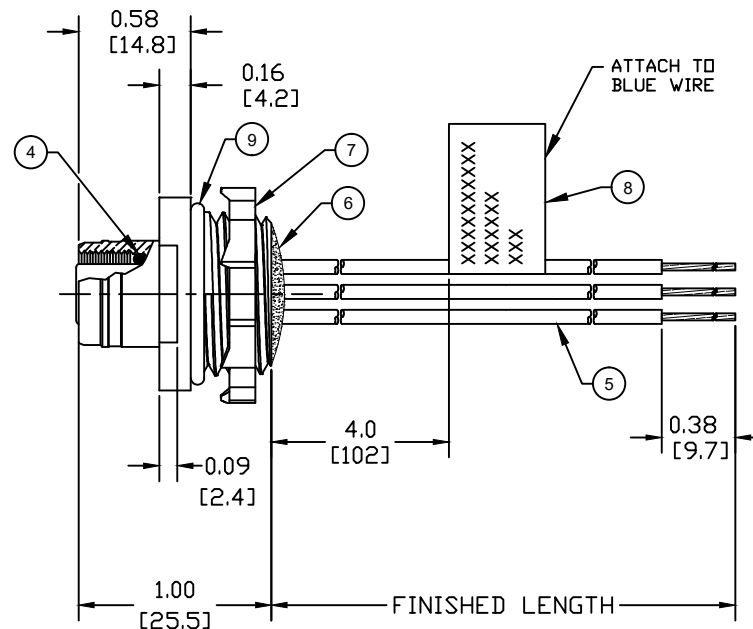
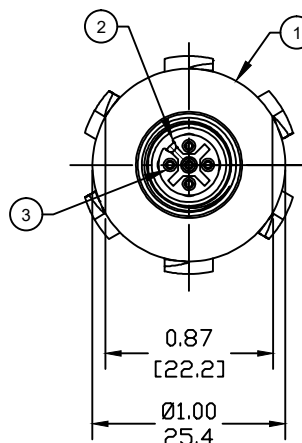
CABLE LENGTH TOLERANCES  
>.3M [1FT]: +19mm-0 [+1.75in-0]  
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]  
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]  
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]  
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]  
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]  
14.6 - 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=  
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

CHECKED BY DATE

APPROVED BY DATE

MATERIAL NO.

SIZE  
ASCALE  
NTSDESIGN UNITS  
INCHTHIRD ANGLE  
PROJECTION

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

DOCUMENT NO.  
SD-120084-182

SHEET NO.  
1 OF 1

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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2

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