

6

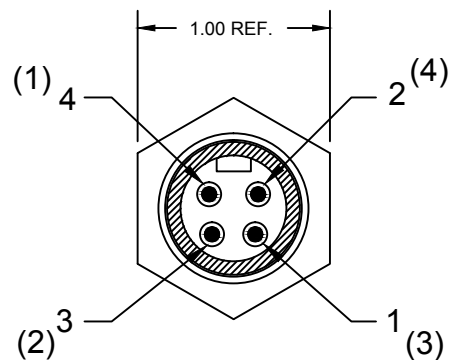
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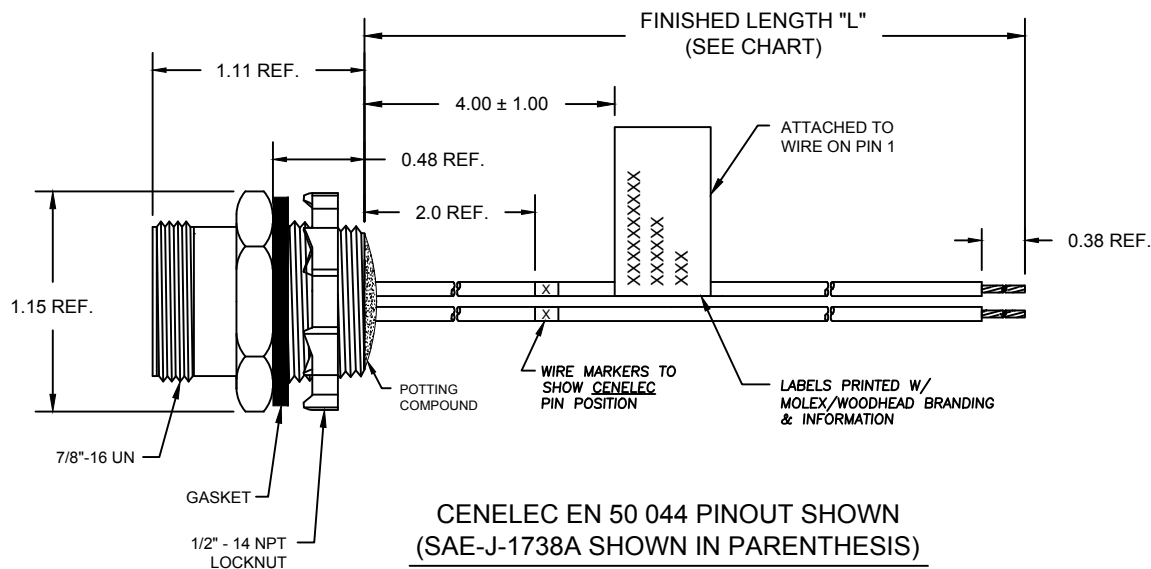
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2

1



FACE VIEW - MALE

CENELEC EN 50 044 PINOUT SHOWN  
(SAE-J-1738A SHOWN IN PARENTHESIS)

|       |             |
|-------|-------------|
| 1 (3) | BLUE/YELLOW |
| 2 (4) | BLUE/YELLOW |
| 3 (2) | WHITE/BLUE  |
| 4 (1) | WHITE/BLUE  |

**SPECIFICATIONS:**

SHELL MATERIAL: ZINC DIECAST W/ BLACK ELECTROPHORETIC COATING  
CONTACT MATERIAL: GOLD/NICKEL OVER COPPER ALLOY  
INSERT MATERIAL: YELLOW TPE  
LOCKNUT: ZINC-PLATED STEEL  
GASKET: BLACK NEOPRENE

WIRES: #16-1, PVC LEADS

ASSEMBLY RATING: 600V, 10A

ENVIRONMENTAL: -20°C TO 105°C  
IP67 WHEN MATED

AGENCY APPROVALS: UL LISTED

| MOLEX SAP P/N# | ENGINEERING P/N# | "L"<br>(Meters) | "L"<br>(INCH) | TOLERANCE<br>(INCH) |
|----------------|------------------|-----------------|---------------|---------------------|
| 1300131043     | 1R4006AA1M020D   | 2.0 M           | 78.74"        | +3.50"/-0.00"       |
| 1300131045     | 1R4006AA1M040D   | 4.0 M           | 157.48"       | +6.50"/-0.00"       |

|                                                                                                              |  |                                                            |                                     |                                          |       |                         |                           |              |                                                                                                                                  |                                                                                                                 |                                                                                                          |
|--------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------|-------------------------------------|------------------------------------------|-------|-------------------------|---------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| CENELEC PINOUT<br>EC NO: IGC2012-1061<br>6/14/12<br>DRWN: VOU<br>CHKD: BWOODMAN<br>APPR: JFMURPHY 2012/03/08 |  | DESCRIPTION                                                | QUALITY SYMBOLS<br><br>=0<br><br>=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |       | DIMENSION STYLE<br>INCH |                           | SCALE<br>1:1 | DESIGN UNITS<br>INCH                                                                                                             |  THIRD ANGLE<br>PROJECTION |                                                                                                          |
|                                                                                                              |  |                                                            |                                     |                                          | mm    | INCH                    | DRAWN BY<br>VOU           |              | DATE<br>2010/12/13                                                                                                               |                                                                                                                 | TITLE<br>MINI-CHANGE RECEPTACLE<br>4P MR 1/2 NPT MOUNT<br>#16-1 PVC WIRES                                |
|                                                                                                              |  |                                                            |                                     | 4 PLACES                                 | ±---  | ±---                    | CHECKED BY<br>BWOODMAN    |              | DATE<br>2012/02/17                                                                                                               |                                                                                                                 |                                                                                                          |
|                                                                                                              |  |                                                            |                                     | 3 PLACES                                 | ±---  | ±.005                   | APPROVED BY<br>JFMURPHY   |              | DATE<br>2012/03/08                                                                                                               |                                                                                                                 |  MOLEX INCORPORATED |
|                                                                                                              |  |                                                            |                                     | 2 PLACES                                 | ±0.13 | ±.010                   | MATERIAL NO.<br>SEE CHART |              | DOCUMENT NO.<br>SD-130013-031                                                                                                    |                                                                                                                 |                                                                                                          |
|                                                                                                              |  |                                                            |                                     | 1 PLACE                                  | ±0.25 | ±.020                   | SIZE<br>A                 |              | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                 |                                                                                                          |
|                                                                                                              |  |                                                            |                                     |                                          |       | ANGULAR ±1/2°           |                           |              |                                                                                                                                  |                                                                                                                 |                                                                                                          |
|                                                                                                              |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                     |                                          |       |                         |                           |              |                                                                                                                                  |                                                                                                                 |                                                                                                          |
| 3                                                                                                            |  | REV                                                        |                                     |                                          |       |                         |                           |              |                                                                                                                                  |                                                                                                                 |                                                                                                          |