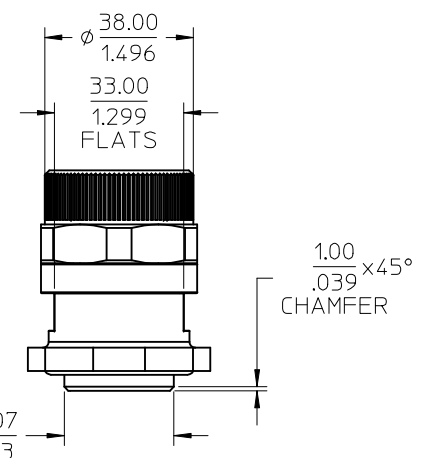
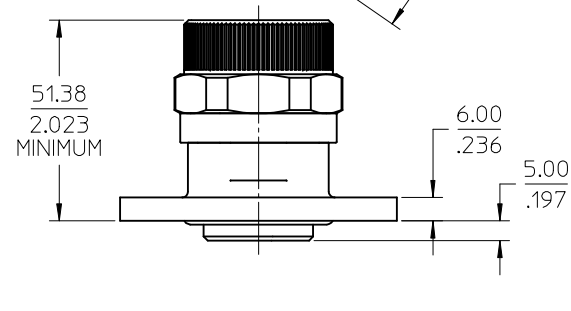
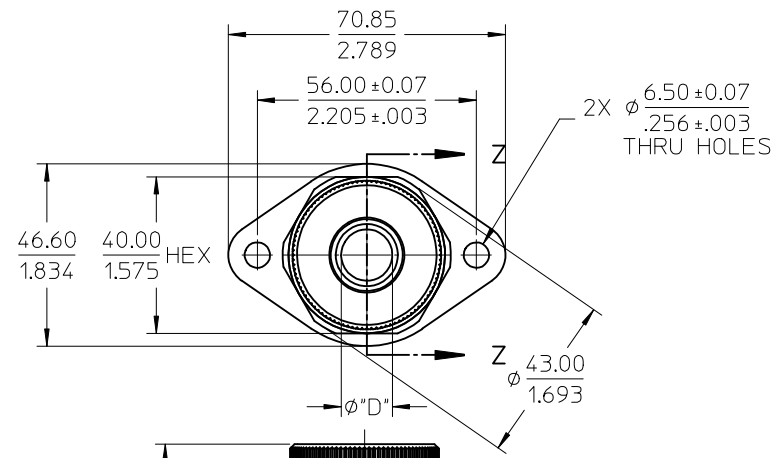
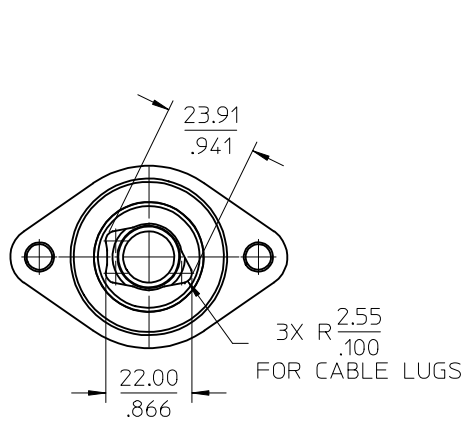


| 10                       | 9                     | 8        | 7          | 6        | 5        | 4        | 3        | 2 | 130199 |
|--------------------------|-----------------------|----------|------------|----------|----------|----------|----------|---|--------|
| SINGLE ASSEMBLY PART NO. | KIT ASSEMBLY PART NO. | WIRE AWG | Ø"D"       | GROMMET  | COLOR    | O-RING   | COLOR    |   |        |
| 1301990030               | 1301990130            | 1        | 11.80/.465 | HNBR     | BLACK    | HNBR     | BLACK    |   |        |
| 1301990020               | 1301990120            | 1/0      | 13.10/.516 | HNBR     | BLACK    | HNBR     | BLACK    |   |        |
| 1301990025               | 1301990125            | 2/0      | 14.55/.573 | HNBR     | BLACK    | HNBR     | BLACK    |   |        |
| 1301990230               | 1301990330            | 1        | 11.80/.465 | SILICONE | RUST RED | SILICONE | RUST RED |   |        |
| 1301990220               | 1301990320            | 1/0      | 13.10/.516 | SILICONE | RUST RED | SILICONE | RUST RED |   |        |
| 1301990225               | 1301990325            | 2/0      | 14.55/.573 | SILICONE | RUST RED | SILICONE | RUST RED |   |        |



NOTES:

- MATERIALS:  
GRIP BODY: ALUMINUM ALLOY  
FINISH: ELECTROLESS NICKEL PLATING  
COMPRESSION NUT: ALUMINUM ALLOY  
FINISH: ELECTROLESS NICKEL PLATING  
SHIELD RING: ALUMINUM ALLOY  
FINISH: ELECTROLESS NICKEL PLATING  
STOP RING: ALUMINUM ALLOY  
FINISH: ELECTROLESS NICKEL PLATING  
GROMMET: SEE CHART  
COLOR: SEE CHART  
O-RING: SEE CHART  
COLOR: SEE CHART
- PRODUCT SPECIFICATION: PS-130199-001
- PACKAGING SPECIFICATION: PK-130199-001
- ASSEMBLY SPECIFICATION: AS-130199-001
- ALL MATERIALS ARE ROHS COMPLIANT.
- ALL DIMENSIONS ARE REFERENCE.

|   |             |   |                                       |                   |                          |           |  |                        |                        |  |  |  |
|---|-------------|---|---------------------------------------|-------------------|--------------------------|-----------|--|------------------------|------------------------|--|--|--|
| UPDATE DESC<br>EC NO: IPG2013-2040<br>TIDRWNLWLEUNG 2013/08/26<br>CHKDKJ02WIK 2013/09/10<br>APPR: JFMURPHY 2013/10/23 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br>◻=0   | GENERAL TOLERANCES (UNLESS SPECIFIED) |                   | DIMENSION STYLE<br>MM/IN |           | SCALE<br>1:1.25  | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION |  |  |  |
|   |             |   | mm                                    | INCH              | DRAWN BY                 | DATE      | TITLE<br><br>MAXLOC SHIELDED<br>CORD GRIP ASSEMBLY<br>1AWG TO 2/0AWG |                        |                        |  |  |  |
|   |             |   | 4 PLACES ± --- ± ---                  | WLEUNG 2011/11/18 | CHECKED BY               | DATE      |  |                        |                        |  |  |  |
|   |             |   | 3 PLACES ± --- ± .015                 | DTITUS 2012/01/13 | APPROVED BY              | DATE      |  |                        |                        |  |  |  |
|   |             |   | 2 PLACES ± 0.38 ± ---                 | DTITUS 2012/01/13 | MOLEX INCORPORATED       |           |  |                        |                        |  |  |  |
|   |             |   | 1 PLACE ± --- ± ---                   | DTITUS 2012/01/13 |                          |           |  |                        |                        |  |  |  |
| ANGULAR ± 1 °   |             | MATERIAL NO.  |                                       | DOCUMENT NO.      |                          | SHEET NO. |  |                        |                        |  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS   |             | SEE CHART   |                                       | SD-130199-001     |                          | 1 OF 2    |  |                        |                        |  |  |  |
| SIZE B  |             | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |                   |                          |           |  |                        |                        |  |  |  |

ITEM  
NO.

DESCRIPTION

MOLEX PART  
NUMBER

1

COMPRESSION NUT (1 AWG)

1301990093

COMPRESSION NUT (1/0 AWG)

1301990094

COMPRESSION NUT (2/0 AWG)

1301990097

2

GROMMET, HNBR (1 AWG), .562" NOM. ID

1301990082

GROMMET, HNBR (1/0 AWG), .625" NOM. ID

1301990083

GROMMET, HNBR (2/0 AWG), .687" NOM. ID

1301990084

GROMMET, SILICONE (1 AWG), .562" NOM. ID

1301990087

GROMMET, SILICONE (1/0 AWG), .625" NOM. ID

1301990088

GROMMET, SILICONE (2/0 AWG), .687" NOM. ID

1301990089

3

SHIELD RING (1 AWG)

1301990028

SHIELD RING (1/0 AWG)

1301990024

SHIELD RING (2/0 AWG)

1301990026

4

STOP RING, 7.5MM THICK

1301990031

5

GRIP BODY

1301990018

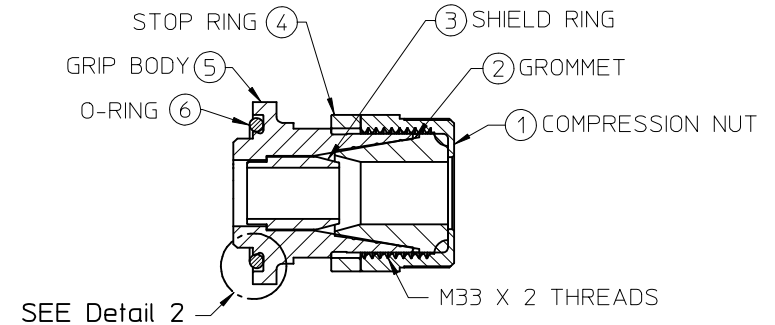
6

O-RING, HNBR

1301990096

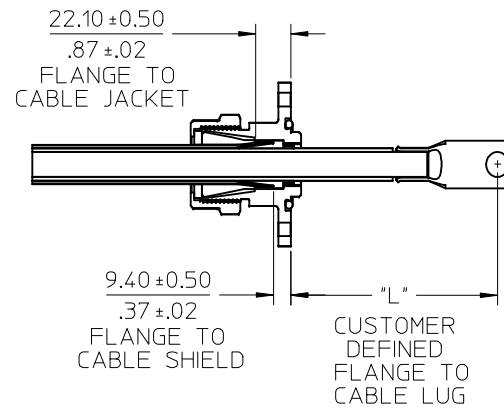
O-RING, SILICONE

1301990057

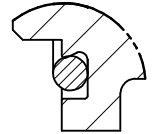


Section Z-Z

Scale 1:1.25



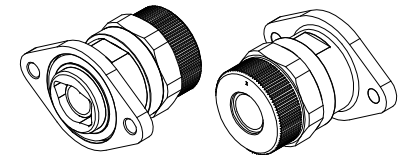
WIRE STRIPPING DIMENSIONS



O-RING DOVETAIL FEATURE

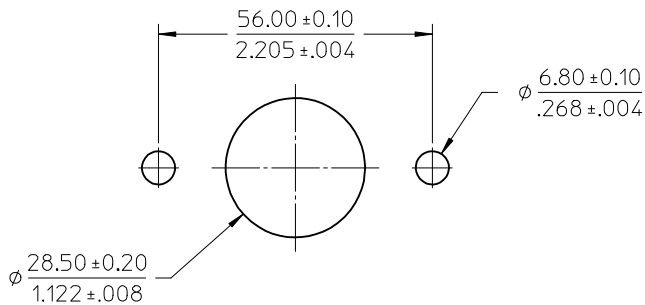
Detail 2

Scale 2:1



ISOMETRIC VIEWS

SCALE 1:2



RECOMMENDED PANEL MOUNT OPENING

SURFACE FINISH 3.2/

FLATNESS TOLERANCE 0.2

ADD GROMMET NOM ID  
CHG TO HNBR O-RING  
EC NO: PG2013-2040  
TIDRWN:WLEUNG 2013/08/26  
CHKD:KJ02WIK 2013/09/10  
APPR:JFMURPHY 2013/10/23

QUALITY  
SYMBOLS  
▽=0  
▽=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          | mm     | INCH   |
|----------|--------|--------|
| 4 PLACES | ± ---  | ± ---  |
| 3 PLACES | ± ---  | ± .015 |
| 2 PLACES | ± 0.38 | ± ---  |
| 1 PLACE  | ± ---  | ± ---  |

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONSDIMENSION STYLE  
MM/IN

|              |            |
|--------------|------------|
| DRAWN BY     | DATE       |
| WLEUNG       | 2011/11/18 |
| CHECKED BY   | DATE       |
| DTITUS       | 2012/01/13 |
| APPROVED BY  | DATE       |
| DTITUS       | 2012/01/13 |
| MATERIAL NO. |            |

SCALE  
1:1DESIGN UNITS  
METRICTHIRD ANGLE  
PROJECTIONMAXLOC SHIELDED  
CORD GRIP ASSEMBLY  
1AWG TO 2/0AWG

MOLEX INCORPORATED

DOCUMENT NO.

SD-130199-001

SHEET NO.

2 OF 2

# Mouser Electronics

Authorized Distributor

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Molex:

130199-0025