

F

E

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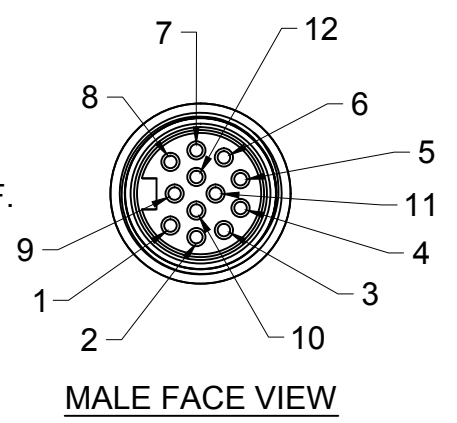
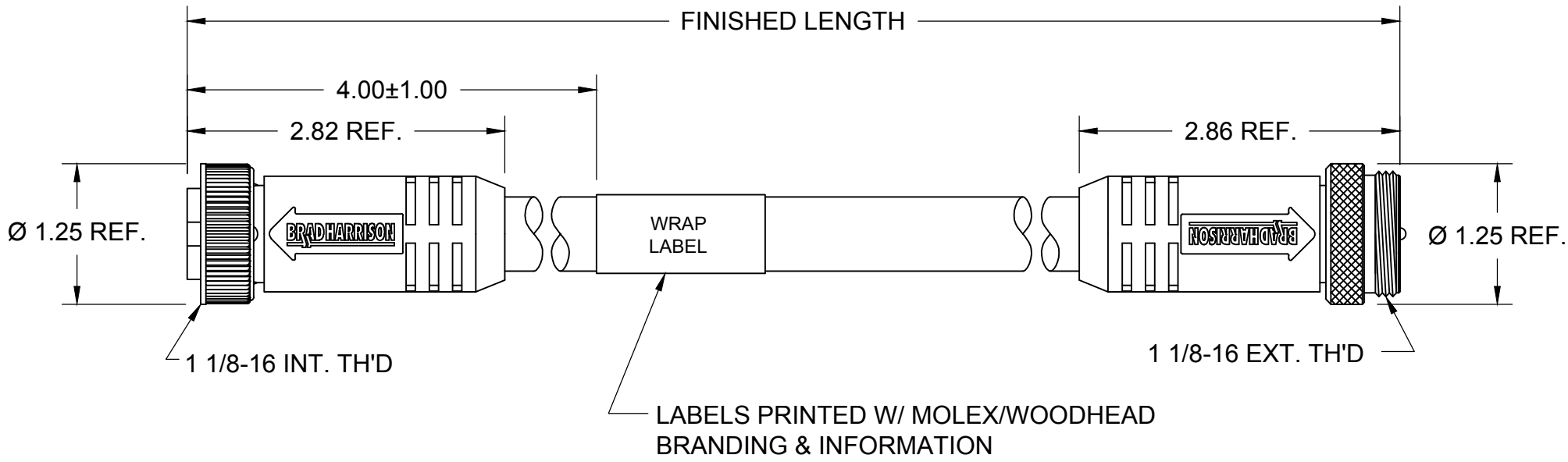
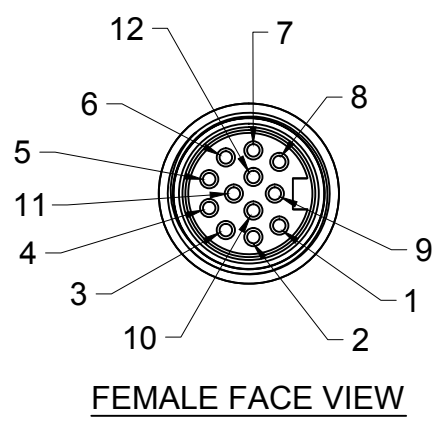
E

D

C

B

A



**SPECIFICATIONS:**  
 COUPLING NUT: (FEMALE) ZINC DIECAST W/ BLACK ELECTROPHORETIC COATING  
 (MALE) BLACK ANODIZED ALUMINUM  
 CONTACT MATERIAL: GOLD/NICKEL OVER COPPER ALLOY  
 INSERT MATERIAL: YELLOW TPE  
 OVERMOLD MATERIAL: YELLOW TPE  
 CABLE: #16AWG 12C YELLOW TPE  
 20 MILLION CYCLE HI-FLEX  
 TC-ER & FT4 RATED  
 ASSEMBLY RATING: 600V, 8A  
 ENVIRONMENTAL: -20°C TO 90°C  
 IP67 WHEN MATED

|    |              |    |
|----|--------------|----|
| 1  | WHITE        | 1  |
| 2  | GREEN        | 2  |
| 3  | YELLOW       | 3  |
| 4  | GRAY         | 4  |
| 5  | PINK         | 5  |
| 6  | RED          | 6  |
| 7  | BLACK        | 7  |
| 8  | VIOLET       | 8  |
| 9  | GREEN/YELLOW | 9  |
| 10 | BROWN        | 10 |
| 11 | BLUE         | 11 |
| 12 | GRAY/PINK    | 12 |

**332030K04MXXX**

CABLE  
 K04 - #16AWG 12C  
 YELLOW TPE

LENGTH  
 M050 - 5 METER  
 M500 - 50 METER

AGENCY APPROVALS: UL LISTED

MECHANICAL CHARACTERISTICS:

|                      |                                    |
|----------------------|------------------------------------|
| TORSIONAL FLEX TEST  | 20 MILLION CYCLES PER MIL-C-13777G |
| BEND FLEX TEST       | 20 MILLION CYCLES PER MIL-C-13777G |
| WELD SLAG RESISTANCE | WOODHEAD STANDARD S-300            |

|   |                    |                        |   |                 |   |                         |   |      |            |  |
|---|--------------------|------------------------|---|-----------------|---|-------------------------|---|------|------------|--|
| UPDATED FLEX-CYCLE RATING<br>EC NO: IPG2015-1830<br>DRWN: GGUSTAFS 2015/04/20<br>CHKD: BARDEN 2015/06/19<br>APPR: BWOODMAN 2013/04/05 | DESCRIPTION<br>REV | QUALITY SYMBOLS        | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ±--- ±---<br>3 PLACES ±--- ±.005<br>2 PLACES ±0.13 ±.010<br>1 PLACE ±0.25 ±.020<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE | SCALE   | DESIGN UNITS            | THIRD ANGLE PROJECTION<br>MINI-CHANGE CORDSET<br>12P MALE/FEMALE ST/ST<br>#16/12 TPE CABLE<br>MOLEX INCORPORATED<br>SD-130012-007<br>1 OF 1 |      |            |  |
|   |                    | ▽=0<br>▽C=0            |   | INCH ONLY       | 3:4   | INCH                    |   |      |            |  |
|   |                    | DRAWN BY<br>VOUG       |   | DATE            | 2012/02/27  | TITLE                   |   |      |            |  |
|   |                    | CHECKED BY<br>TWOLDEGE |   | DATE            | 2013/03/04  | APPROVED BY<br>JFMURPHY |   | DATE | 2013/04/05 |  |
|   |                    |                        |   | MATERIAL NO.    | DOCUMENT NO.  |                         | SHEET NO.   |      |            |  |
|   |                    |                        |   | SEE SCHEMATIC   | SD-130012-007   |                         | 1 OF 1  |      |            |  |
|   |                    |                        |   | SIZE            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                         |   |      |            |  |
|   |                    |                        |   | B               |   |                         |   |      |            |  |