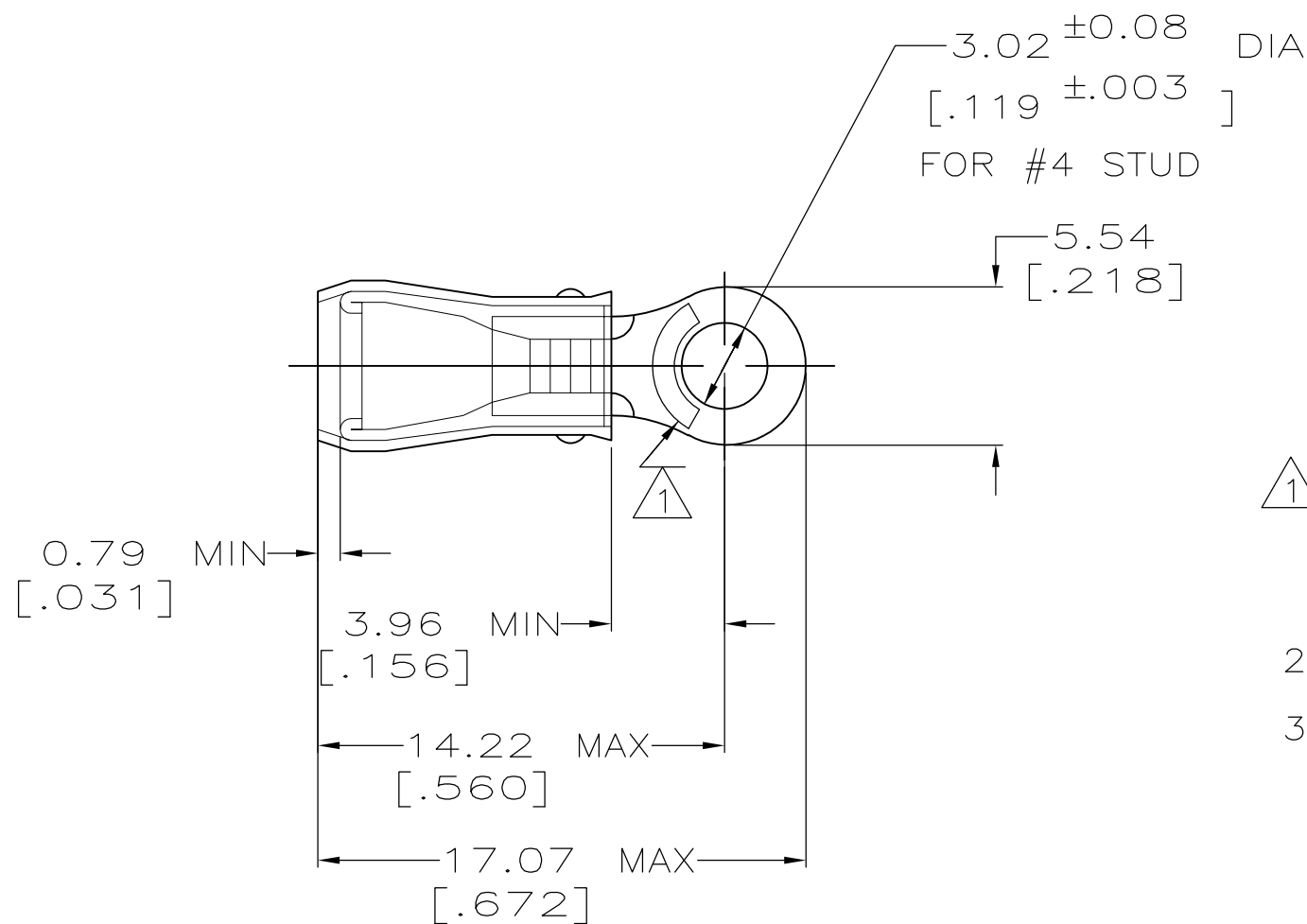


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

| LOC | DIST | REVISIONS |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
|     |      | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
| G   | 14   |           | T1  | REVISED PER ECO-11-004587 | 11MAR11 | RK  | HMR  |



|                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|
| <b>AMP</b><br>WIRE RANGE       | Listed                         | LR7189<br>Certified            |
| 22-16 AWG<br>SOLID OR STRANDED | 22-16 AWG<br>SOLID OR STRANDED | 22-16 AWG<br>SOLID OR STRANDED |

- 1 STAMP AMP 22-18\* APPROX AS SHOWN  
22-16 TERMINALS ARE STAMPED 22-18 IN  
ACCORDANCE WITH MILITARY SPEC MIL-T-7928  
COMMERCIAL WIRE RANGE IS 22-16
- 2 WIRE INSULATION DIA: .105 - .140
- 3 TONGUE MATERIAL THK: 0.79 ±0.05 [.031 ±.002]

| MILITARY P/N AND CLASS      | QUANTITY | PACKAGE TYPE     | PART NO   |
|-----------------------------|----------|------------------|-----------|
| -                           | 100      | LOOSE PIECE, BOX | 8-31880-1 |
| MS 25036-148<br>CLASS 2     | 5000     | ON TAPE, REEL    | 2-31880-1 |
| MS 25036-148<br>CLASS 1 & 2 | -        | LOOSE PIECE      | 31880     |

|   |  |  |
|---|--|--|
| <b>AMP INCORPORATED<br/>CUSTOMER SERVICE SYSTEMS</b>                                      |  | MAX RECOMMENDED OPERATING<br>TEMPERATURE:<br>105° C MAX  |
| FOR ADDITIONAL<br>PRODUCT INFORMATION OR<br>COPIES OF DRAWINGS<br>AND TECHNICAL DOCUMENTS | PRODUCT INFORMATION CENTER<br>1-800-522-6752 | VOLTAGE RATING:<br>300 V MAX   |
| FOR APPLICATION<br>TOOLING INFORMATION  | TOOLING ASSISTANCE CENTER<br>1-800-722-1111  | WIRE CROSS SECTIONAL AREA RANGE:<br>0.26-1.65mm <sup>2</sup> [509-3,260] CIR MILS<br>SOLID OR STRANDED   |
| FOR ORDER ENTRY   | 1-800-526-5142                               | THIS DRAWING IS A CONTROLLED DOCUMENT FOR<br>AMP INCORPORATED. IT IS SUBJECT TO CHANGE<br>AND THE CONTROLLING ENGINEERING ORGANIZATION<br>SHOULD BE CONTACTED FOR THE LATEST REVISION. |

|  |  |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
|--|--|---|-----------------|--------------------|-----------------------|--------------------|-----|-------|---------------|-------|-----|-------|-----|--------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |  | DWN<br>DK SCHRUM<br>02/11/93                      | TE Connectivity |                    |                       |                    |     |       |               |       |     |       |     |        |
| DIMENSIONS:<br>mm [INCHES]   |  | CHK<br>RE HERSEY<br>4/28/93                       |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:  |  | APVD<br>ML ELLIS<br>4/28/93                       |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| <table border="0"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± 0.20 [.008]</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table> |  | 0 PLC   |                 |                    | ± -                   | 1 PLC              | ± - | 2 PLC | ± 0.20 [.008] | 3 PLC | ± - | 4 PLC | ± - | ANGLES |
| 0 PLC  | ± -                                    |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| 1 PLC  | ± -                                    |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| 2 PLC  | ± 0.20 [.008]                          |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| 3 PLC  | ± -                                    |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| 4 PLC  | ± -                                    |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| ANGLES   | ± -                                    |   |                 |                    |                       |                    |     |       |               |       |     |       |     |        |
| MATERIAL<br>COPPER PER ASTM B-152<br>SLEEVE, RED NYLON   | FINISH<br>TIN PLATE<br>PER MIL-T-10727 | PRODUCT SPEC<br>APPLICATION SPEC<br>NOT AVAILABLE | SIZE<br>A3      | CAGE CODE<br>00779 | DRAWING NO<br>C-31880 | RESTRICTED TO<br>- |     |       |               |       |     |       |     |        |
| CUSTOMER DRAWING   |  |   | SCALE<br>4:1    | SHEET<br>1 OF 1    | REV<br>T1             |                    |     |       |               |       |     |       |     |        |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-31880-1](#)