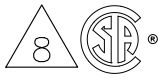
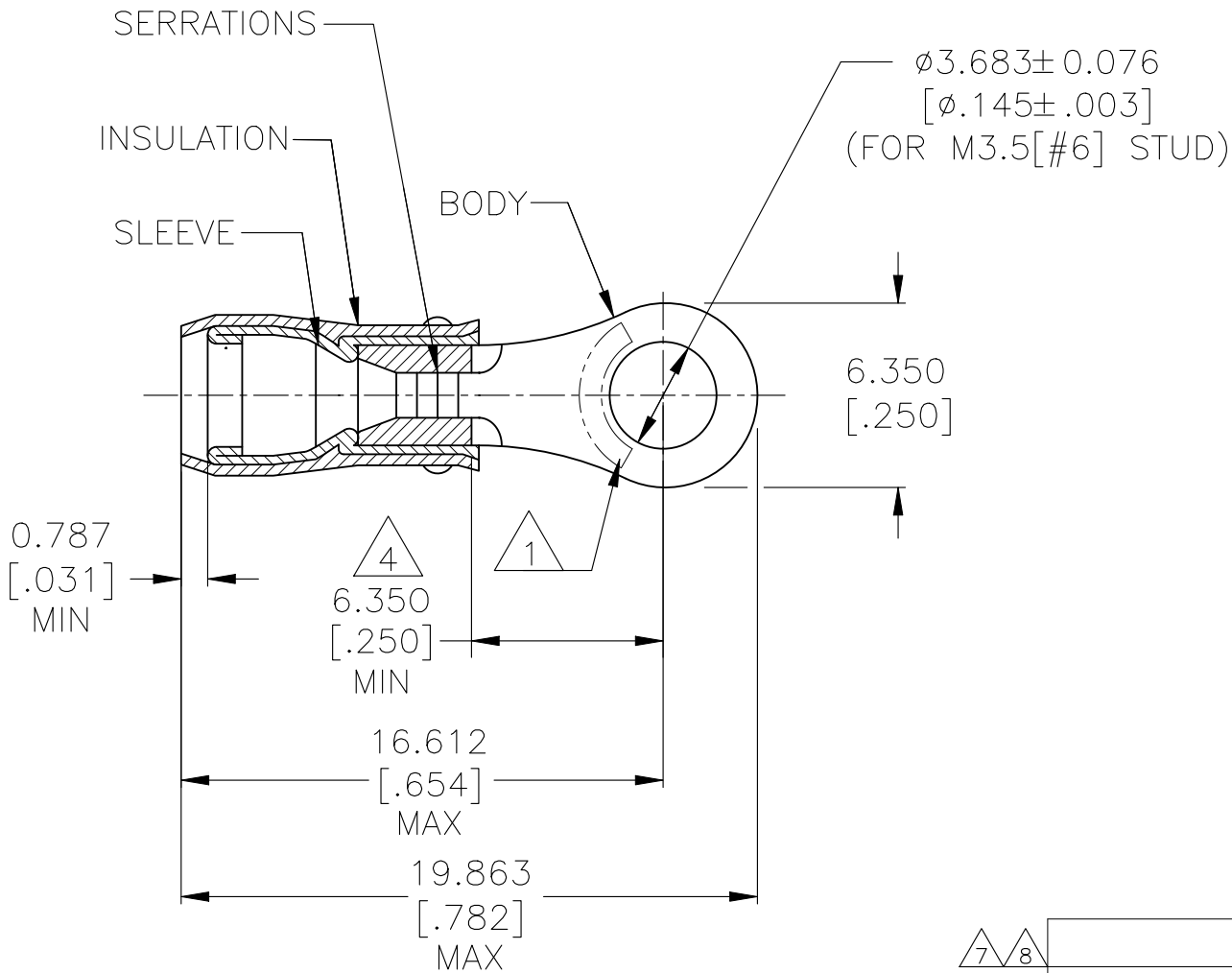


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | AB2 | REVISED PER ECR-25-255998 | 12SEP2025 | SA  | DSC  |

|                                |                                                                                                           |                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>AMP</b><br>WIRE RANGE       |  Listed<br>FILE E13288 |  LR7189<br>Certified |
| 22-16 AWG<br>SOLID OR STRANDED | 22-16 AWG<br>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 SAE- AS7928 COMMERCIAL WIRE RANGE IS 22-16.
- 2 WIRE INSULATION DIA:  $\phi 2.032-3.175$  [ $\phi 0.080-.125$ ].
- 3 BODY MATERIAL THK:  $0.787 \pm 0.051$  [ $0.031 \pm .002$ ].
- 4 DIMENSION APPLIES FROM EDGE OF METAL WIRE BARREL TO CENTER OF STUD HOLE.
- 5 MATERIAL:  
BODY & SLEEVE - COPPER PER ASTM B152  
INSULATION - NYLON.
- 6 FINISH:  
BODY & SLEEVE - TIN PLATE  
0.00254[.000100] MIN EXT THK PER ASTM B545,  
INSULATION COLOR - RED.
- 7 UL LISTED.
- 8 CSA CERTIFIED.

|                                                                                                                                                                             |                     |                    |                  |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|------------------|-------------|
|   | --                  | 100                | LOOSE PIECE, BOX | 7-51863-1   |
|   | --                  | 1 KIT = 250 PIECES | LOOSE PIECE      | 6-51863-0   |
|   | --                  | 5000               | ON TAPE, REEL    | 51863-1     |
|   | MS25036-102 CLASS 1 | 1000               | LOOSE PIECE      | 51863       |
| MILITARY P/N AND CLASS                                                                                                                                                      |                     | QTY                | PACKAGE TYPE     | PART NUMBER |

|                                                                                           |  |                                                  |                                                                |                                                                                                                                                                                        |                                        |                                                                                                                 |  |                                                                                                                       |  |              |  |                 |  |            |  |
|-------------------------------------------------------------------------------------------|--|--------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------|--|--------------|--|-----------------|--|------------|--|
| AMP INCORPORATED<br>CUSTOMER SERVICE SYSTEMS                                              |  |                                                  | MAX RECOMMENDED OPERATING TEMPERATURE:<br><br>105°C[221°F] MAX |                                                                                                                                                                                        | THIS DRAWING IS A CONTROLLED DOCUMENT. |                                                                                                                 |  | <div> TE Connectivity Ltd.</div> |  |              |  |                 |  |            |  |
| FOR ADDITIONAL<br>PRODUCT INFORMATION OR<br>COPIES OF DRAWINGS<br>AND TECHNICAL DOCUMENTS |  | PRODUCT INFORMATION CENTER<br><br>1-800-522-6752 |                                                                | VOLTAGE RATING:<br><br>300V MAX                                                                                                                                                        |                                        | DIMENSIONS:<br><br>mm [INCHES]                                                                                  |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                             |  |              |  |                 |  |            |  |
| FOR APPLICATION<br><br>TOOLING INFORMATION                                                |  | TOOLING ASSISTANCE CENTER<br><br>1-800-722-1111  |                                                                | CIRCULAR MIL AREA:<br>0.26-1.65mm² [509-3260] CIR MILS<br>SOLID OR STRANDED                                                                                                            |                                        |                            |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± 0.127[.005]<br>4 PLC ± -<br>ANGLES ± -                                 |  |              |  |                 |  |            |  |
| 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. |                                        | MATERIAL<br>               |  | FINISH<br>                       |  |              |  |                 |  |            |  |
|                                                                                           |  |                                                  |                                                                |                                                                                                                                                                                        |                                        | APVD<br>M BARNABA 9/8/93                                                                                        |  | NAME<br><br>TERMINAL, RING TONGUE, PIDG,<br>WIRE SIZE: 22-16 AWG                                                      |  |              |  |                 |  |            |  |
|                                                                                           |  |                                                  |                                                                |                                                                                                                                                                                        |                                        | PRODUCT SPEC<br>UL 486A-B  |  | SIZE<br>A3<br>CAGE CODE<br>00779<br>DRAWING NO<br>C-51863<br>RESTRICTED TO<br>-                                       |  |              |  |                 |  |            |  |
|                                                                                           |  |                                                  |                                                                |                                                                                                                                                                                        |                                        | APPLICATION SPEC<br>114-2157                                                                                    |  |                                                                                                                       |  |              |  |                 |  |            |  |
|                                                                                           |  |                                                  |                                                                |                                                                                                                                                                                        |                                        | WEIGHT<br>-                                                                                                     |  |                                                                                                                       |  |              |  |                 |  |            |  |
|                                                                                           |  |                                                  |                                                                |                                                                                                                                                                                        |                                        | CUSTOMER DRAWING                                                                                                |  |                                                                                                                       |  | SCALE<br>NTS |  | SHEET<br>1 OF 2 |  | REV<br>AB2 |  |

