

4

3

2

1

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| LDC | | DIST | | REVISIONS | | | |
|-----|-----|-------------|------|-----------------------|---------|----|----|
| P | LTR | DESCRIPTION | DATE | DWN | APVD | | |
| | | C | | REV PER ECO-12-000064 | 23JAN12 | PY | DE |

| | | |
|-----------------|---|------------------------|
| SHRINK TUBING | MIL-I-23053 | _____ |
| RETAINING CLIP | BeCu ASTM-B-194 OR STAINLESS STEEL PER QQ-S-766 | _____ |
| SOCKET CONTACT | BERYLIUM COPPER PER ASTM B196 | GOLD PLATE MIL-G-45204 |
| HOUSING | EPIALL COLOR: BLACK | _____ |
| GROMMET | FLUROROSILICONE | _____ |
| DIODE (-1 & -2) | IN5199 | _____ |
| DIODE (-3) | 8 AMP | _____ |
| DESCRIPTION | MATERIAL | FINISH |

Technical drawing of a wire splice assembly. The main view shows a cylindrical housing with a grommet on the left and a diode symbol in the center. Dimensions include a total length of 3.100 MAX, a diameter of $\phi .401$ MAX, and specific end dimensions of .218 MAX and .225 MAX. A callout '4' points to a specific area on the housing, with a note: 'AMP, AMP PART NO. AND DATE CODE MARKED IN THIS AREA'. A circular detail view on the right shows concentric circles representing the housing's profile.

- THIS ASSEMBLY MEETS OR EXCEEDS THE GENERAL REQUIREMENTS OF MIL-T-81714.
- PIN CONTACTS, & INSERTION/EXTRACTION TOOL TO BE ORDERED SEPARATELY.
 - A) PIN CONTACT: 2-592404-1
 - B) TOOL 592105-1
- ENVIRONMENTS CREATED DURING OPERATION WHICH EXCEEDS THE WIRE SPLICE RATED PERFORMANCE IS THE RESPONSIBILITY OF THE USER. THE DIODE SPECIFICATIONS SHOULD BE CONSULTED.

DIODE SYMBOL MARKED ON ALL DASH NUMBERS CIRCUIT POLARITY MARKING ON (-1) ONLY

| | |
|---------|----------|
| | 591846-3 |
| | 591846-2 |
| | 591846-1 |
| REMARKS | PART NO. |

| | | | | | |
|--|--|------------------|-----------|--------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN | 01OCT2002 | C. C. THOMAS | |
| DIMENSIONS: INCHES | | CHK | 10-02-02 | D. EABY | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APVD | 10-02-02 | D. EABY | |
| 0 PLC ± - | | PRODUCT SPEC | | | |
| 1 PLC ± - | | APPLICATION SPEC | | | |
| 2 PLC ± - | | WEIGHT - | | | |
| 3 PLC ± - | | SCALE 4: 1 | | | |
| 4 PLC ± - | | SHEET 1 OF 1 | | | |
| ANGLES ± - | | REV C | | | |
| FINISH | | CUSTOMER DRAWING | | | |
| SEE TABLE | | SEE TABLE | | | |

TE Connectivity
 WIRE SPLICE, SINGLE, SIZE 20, TJ

1471-9 (3/11)

591846

B

A