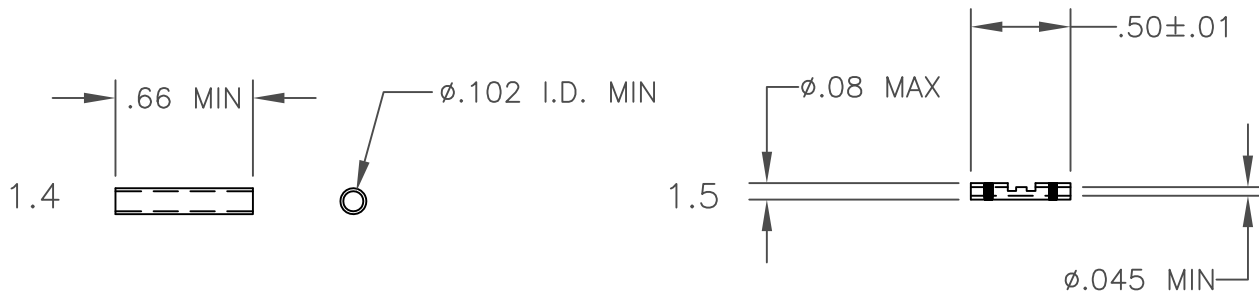
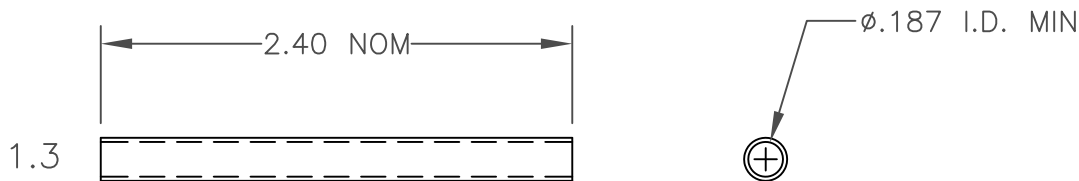
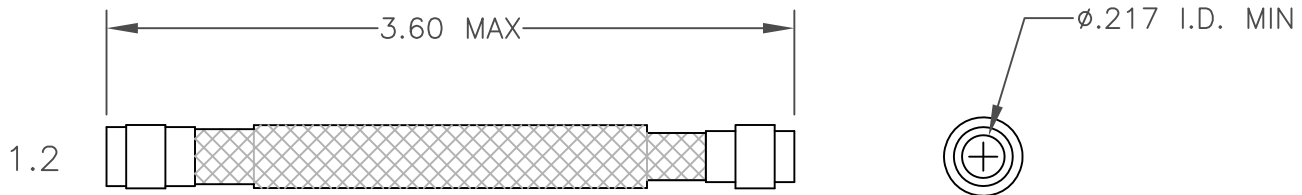
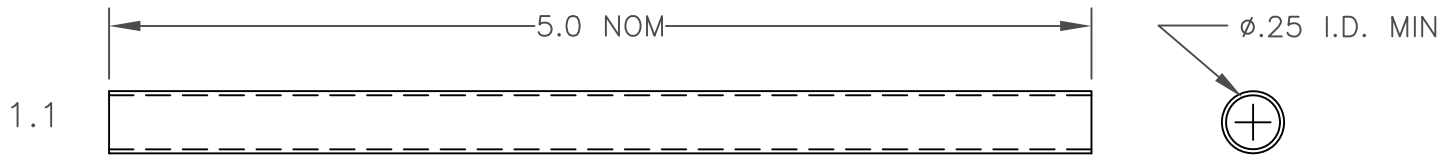


| REVISIONS |                                                   |          |          |
|-----------|---------------------------------------------------|----------|----------|
| LTR       | DESCRIPTION                                       | DATE     | APPROVED |
| C         | REVISED DWG PER DCR NO. C060215                   | 4/25/06  | GMR      |
| D         | REVISED DWG PER ECO-11-007423                     | 4/08/11  | E.CHEN   |
| D1        | ADMINISTRATIVE CHANGE; ITEM 1.5 PER ECO-11-022789 | 11/11/11 | E.CHEN   |

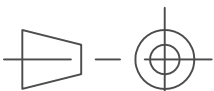


- 1.1 OUTER HEAT-SHRINKABLE TUBING, WHITE
- 1.2 FLEXIBLE SHIELD JOINT WITH TWO PRE-INSTALLED TERMINATORS.
- 1.3 INNER HEAT-SHRINKABLE TUBING, WHITE.
- 1.4 INSULATION SLEEVES (2), BLUE TRANSLUCENT.
- 1.5 CRIMP FERRULES (2), RED STRIPE CODE.

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|                                                                                                                                                                 |                                  |                                                                                     |         |                                                                                                      |                          |                                                                 |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------|-----------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES.<br>METRIC DIMENSIONS ARE<br>IN BRACKETS.<br><br>DECIMALS<br>.XXX ± .010 [ .25 mm]<br>.XX ± .02 [ .5 mm] | DRAWN                            | ZS.O.                                                                               | 5/29/97 |  TE Connectivity |                          |                                                                 |           |
|                                                                                                                                                                 | APPROVED                         |                                                                                     |         |                                                                                                      |                          | TITLE<br><br>MIL-STD-1553<br>CABLE SPLICE KIT<br>LOW OUTGASSING |           |
|                                                                                                                                                                 | MATERIAL:                        |                                                                                     |         |                                                                                                      |                          |                                                                 |           |
|                                                                                                                                                                 | FINISH:                          |                                                                                     |         |                                                                                                      |                          |                                                                 |           |
|                                                                                                                                                                 | CAD NAME:<br>D-150-9708-5a_CD_D1 |                                                                                     |         |                                                                                                      |                          |                                                                 |           |
| WEIGHT<br><br>— lbs [ — g]                                                                                                                                      | THIRD ANGLE<br>PROJECTION        |  |         | SIZE<br>A                                                                                            | CODE IDENT. NO.<br>06090 | DWG. NO.<br>D-150-9708-5                                        | REV<br>D1 |
|                                                                                                                                                                 |                                  |                                                                                     |         | DO NOT SCALE THIS DRAWING                                                                            |                          | SHEET 1 OF 2                                                    |           |

## 1.0 MATERIALS

- 1.1 OUTER HEAT-SHRINKABLE TUBING: HIGH TEMPERATURE LOW OUTGASSING RAYCHEM RT-220 TUBING, WHITE.
- 1.2 FLEXIBLE SHIELD JOINT: DOUBLE SHIELD, SILVER PLATED COPPER ENDS, PRE-TINNED WITH Sn96 RMA SOLDER. PRE-INSTALLED TERMINATORS: SLEEVES WITH Sn96 RMA SOLDER PREFORMS, PER QQ-S-571.
- 1.3 INNER HEAT-SHRINKABLE TUBING: HIGH TEMPERATURE LOW OUTGASSING RAYCHEM RT-220 TUBING, WHITE.
- 1.4 INSULATION SLEEVES: MODIFIED CROSS-LINKED POLYVINYLDENE FLUORIDE.
- 1.5 CRIMP FERRULES PER MIL-S-81824/1-1, EXCEPT NICKEL PLATED.

## 2.0 APPLICATION

- 2.1 THIS SPLICE KIT IS DESIGNED TO FACILITATE THE ASSEMBLY OR MAINTENANCE OF PRE-CABLE DIGITAL HARNESS COMPONENTS FOR MIL-STD-1553B AND NASA SPECIFICATION SP-R-0022A.
- 2.2 TO BE USED WHERE CONTINUOUS FLEXING IS NOT A FUNCTIONAL REQUIREMENT.
- 2.3 CABLES ACCOMMODATED: 7724S1LL4, 7724S3LL4, 7724S8LL4.
- 2.4 MINIMUM BEND RADIUS, STATIC 80mm. DYNAMIC: NOT RECOMMENDED.
- 2.5 INSTALLATION PROCEDURE, AND TOOLING: RAYCHEM RPIP-600-12.
- 2.6 FOR APPLICATIONS OTHER THAN ABOVE, CONSULT TE TECHNICAL SERVICES.

## 3.0 TEMPERATURE RATING

- 3.1 OPERATING TEMPERATURE: -65° TO +150°C, BRIEF EXCURSIONS TO +200°C PERMISSIBLE WITHOUT DEGRADATION.

## 4.0 PERFORMANCE SPECIFICATIONS

ALL EXPOSED MATERIALS MEET THE REQUIREMENTS OF NASA SPECIFICATION SP-R-0022A.

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|                     |         |                   |                 |          |              |
|---------------------|---------|-------------------|-----------------|----------|--------------|
| DRAWN               | DATE    | SIZE              | CODE IDENT. NO. | DWG. NO. | REV          |
| ZS.O.               | 5/29/97 |                   | A               | 06090    | D-150-9708-5 |
| CAD FILE            |         | DO NOT SCALE THIS | DRAWING         |          | SHEET 2 OF 2 |
| D-150-9708-5b_CD_D1 |         |                   |                 |          |              |



TE Connectivity