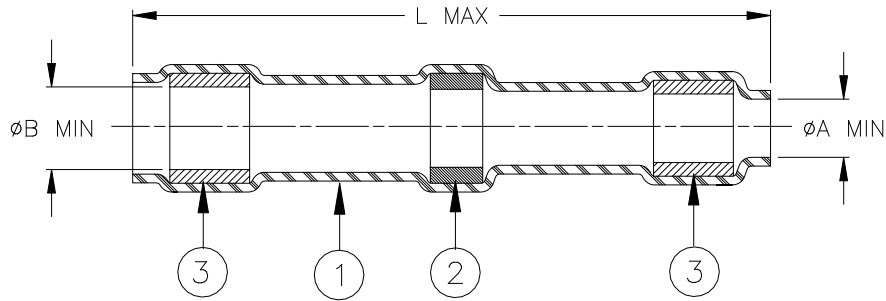


CUSTOMER DRAWING



| Product Name | Product Dimensions | | | Wire Dimensions | | CMA Range |
|--------------|--------------------|-----------------|-----------------|-----------------|-----------------|----------------|
| | L max | Ø A min | Ø B min | Ø D | | |
| | | | | max | min | |
| D-1744-01 | 29.70 (1.170) | 1.90 (0.075) | 2.40 (0.095) | 1.90 (0.075) | 0.50 (0.020) | 350 to 2000 |
| D-1744-02 | 30.15 (1.187) | 2.80 (0.110) | 3.15 (0.125) | 2.80 (0.110) | 0.80 (0.030) | 2000 to 4000 |
| D-1744-03 | 29.60 (1.165) | 4.60 (0.180) | 5.10 (0.200) | 4.57 (0.180) | 1.30 (0.050) | 4000 to 10000 |
| D-1744-04 | 30.00 (1.180) | 7.11 (0.280) | 7.62 (0.300) | 7.11 (0.280) | 2.00 (0.080) | 10000 to 13000 |

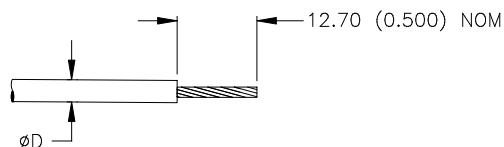
MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
 SOLDER: TYPE Sn63 per ANSI/J-STD-006.
 FLUX: TYPE ROL1 per ANSI/J-STD-004.
 THERMAL INDICATOR: Violet
3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.

APPLICATION

1. These parts are designed to provide an environment resistant in-line splice in wires having tin or silver-plated conductors and insulation rated for at least 125°C.
2. Temperature range: -55°C to +150°C.
3. Install using TE Connectivity/ Raychem-approved convection or infrared tools in accordance with TE Connectivity/ Raychem installation procedure RPIP-850-00.
4. Assemblies will meet requirements of TE Connectivity / Raychem specification RT-1404 and National Aerospace Standard NAS-1744.

For best results, prepare the wire(s) as shown:



| | | | | | |
|--|---|---|---|---------------------------|------------|
| | | Raychem DEVICES | TITLE: SOLDERSLEEVE* WIRE SPLICE | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | DOCUMENT NO.: D-1744-01/-02/-03/-04 | | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | ANGLES: N/A ROUGHNESS IN MICRON | TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | REV : 7 | DATE : 30-Mar-2020 | |
| PREPARED BY: M.FORONDA | CAGE CODE: 06090 | | ECO: ECO-20-004510 | SCALE: NTS | SIZE: A |

© 2020 TE Connectivity Ltd. Family of Companies. All Rights Reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.

*TE Connectivity, TE connectivity (logo), Raychem, SolderSleeve are trademarks