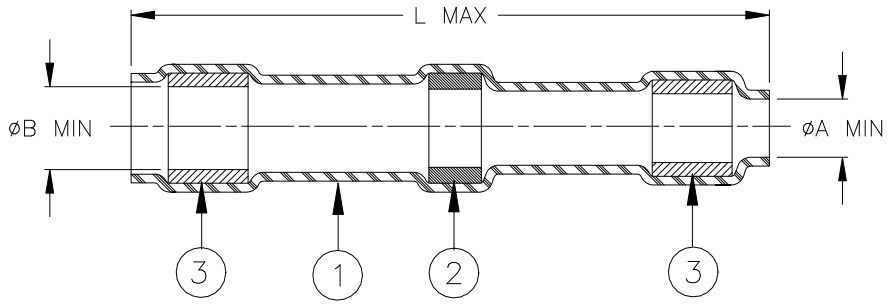
# CUSTOMER DRAWING




| Product Name | Product Dimensions | | | Wire Dimensions | | CMA Range |
|---|---|---|---|---|---|---|
| | L max | øA min | øB min | øD max | øD min | |
| D-1744-01-LF | 30.15 [1.187] | 1.90 [0.075] | 2.40 [0.095] | 1.90 [0.075] | 0.50 [0.020] | 350 to 2000 |
| D-1744-02-LF | 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-LF | 30.15 [1.187] | 4.60 [0.180] | 5.10 [0.200] | 4.57 [0.180] | 1.30 [0.050] | 4000 to 10000 |
| D-1744-04-LF | 30.15 [1.187] | 7.11 [0.280] | 7.62 [0.300] | 7.11 [0.280] | 2.00 [0.080] | 10000 to 13000 |

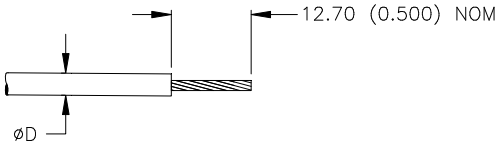
## MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
   SOLDER: TYPE Sn96 per ANSI/J-STD-006.
   FLUX: TYPE ROM1 per ANSI/J-STD-004.
   THERMAL INDICATOR: Color change orange to colorless.
3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: gray.

## APPLICATION

1. These parts are designed to provide an environment resistant in-line splice for wires having Ni-plated, or bare copper conductors, that have insulation rated for at least 150°C.
2. Temperature range: -55°C to +175°C.
3. Install using TE Connectivity / Raychem-approved convection or infrared tools in accordance with TE Connectivity / Raychem installation procedure RPIP-850-00.

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

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|---|---|---|---|---|---|---|
| TE Connectivity | | | | TITLE: SOLDERSLEEVE WIRE SPLICE, LEAD FREE | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | **Raychem** Devices | | DOCUMENT NO.: D-1744-01/-04-LF | | |
| 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: C | DATE: 5-Mar-2018 | |
| DRAWN BY: P. TALLY | CAGE CODE: 06090 | REPLACES: ECO-07-008115 | ECO No: ECO-18-003257 | SCALE: NTS | SIZE: A | SHEET: 1 of 1 |

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