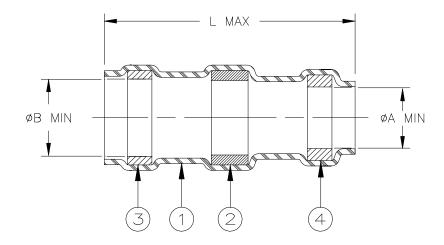
### **CUSTOMER DRAWING**



|              | Product Dimensions |         |         | Cable Dimensions |         |          |          |
|--------------|--------------------|---------|---------|------------------|---------|----------|----------|
| Product Name | L                  | Ø A     | Ø B     | Ø D              | ØΕ      | J±0.5    | M±0.5    |
|              | max                | min     | min     | max              | min     | (J±0.02) | (M±0.02) |
| D-104-31     | 29.75              | 10.80   | 11.65   | 11.43            | 5.70    | 8        | 9        |
|              | (1.170)            | (0.425) | (0.460) | (0.450)          | (0.225) | (0.315)  | (0.355)  |

### **MATERIALS**

- 1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- 2. SOLDER PREFORM WITH FLUX:

SOLDER: TYPE Sn63 per ANSI-J-STD-006.

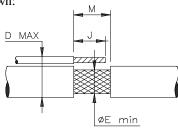
FLUX: TYPE ROM1 per ANSI-J-STD-004.

- 3. MELTABLE RING: Thermally stabilized thermoplastic. Color: blue.
- 4. MELTABLE RING: Thermally stabilized thermoplastic. Color: natural.

## **APPLICATION**

- 1. This part is designed to provide an environment protected shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed, having nickel plated copper shields.
- Install using TE Connectivity approved convection or infrared tools in accordance with Raychem assembly procedure RCPS-100-70.
- 3. Assemblies will meet requirements of Raychem specification RT-1404 and National Aerospace Standard NAS-1747.
- 4. Temperature range: -55°C to +150°C.

For best results, prepare the cable as shown:



| =TE   |   | <i>Raychem</i><br>THERMOFIT<br>DEVICES | SOLDERSLEEVE* SHIELD TERMINATOR  |               |            |                   |  |  |
|---|---|--|--|---------------|------------|-------------------|--|--|
| [Inches dimensions                          | Unless otherwise specified dimensions are in millimeters.  [Inches dimensions are shown in brackets]  TOLERANCES: ANGLES: N/A TE Connectivity reserves the right to |  |  |               | D-104-31   |                   |  |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A |   | HNESS IN                               | TE Connectivity reserves the right to amend this drawing at any time.  Users should evaluate the suitability of the product for their application. |               | REV:       | DATE: 17-APR-2020 |  |  |
| DRAWN BY: DATE:<br>M. FORONDA 22-MAR-       |   | -99                                    | ECO:<br>ECO-20-005247  | SCALE:<br>NTS | SIZE:<br>A | SHEET:<br>1 of 1  |  |  |

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