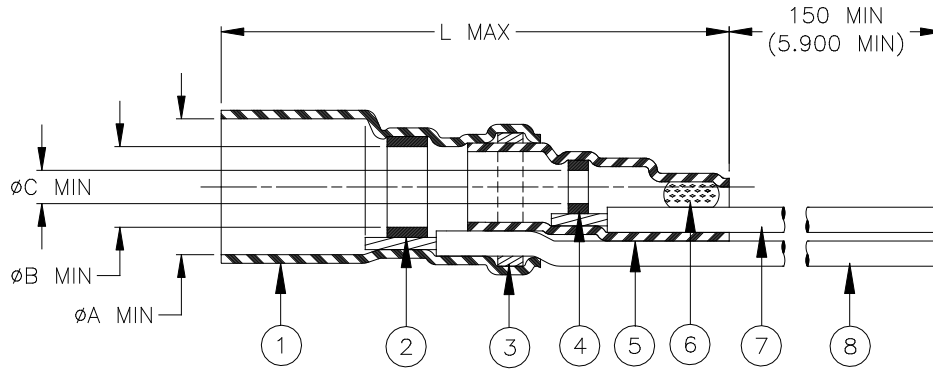


# CUSTOMER DRAWING



| Product Name | Component Dimensions |                 |                 |                | "GA"<br>Wire Gauge (AWG) | Cable Dimensions                         |  |                 |                 |                |
|--------------|----------------------|-----------------|-----------------|----------------|--------------------------|--|--|-----------------|-----------------|----------------|
|              | L max                | φA min          | φB min          | φC min         |                          | φD                                       | φE                                       | φF min          | G±0.5 (G±0.02)  | M±0.5 (M±0.02) |
| B-044-20-N   | 28.0<br>(1.100)      | 3.40<br>(0.135) | 2.30<br>(0.090) | 0.8<br>(0.030) | 20                       | 1.70<br>(0.065)<br>to<br>3.40<br>(0.135) | 1.30<br>(0.050)<br>To<br>2.30<br>(0.090) | 0.30<br>(0.012) | 16.0<br>(0.630) | 6.0<br>(0.235) |
| B-044-22-N   |                      |                 |                 |                | 22                       |  |  |                 |                 |                |
| B-044-24-N   | 24                   |                 |                 |                |                          |  |  |                 |                 |                |
| B-044-26-N   | 26                   |                 |                 |                |                          |  |  |                 |                 |                |

**NOTE: MATERIAL 6 DOES NOT APPLY ON B-044-20/22-N**

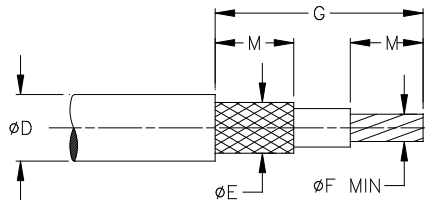
**MATERIALS**

- & 5. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
- & 4. SOLDER PREFORMS WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL0 per ANSI J-STD-004.
- & 6. MELTABLE RINGS: Thermally stabilized thermoplastic.
- CONDUCTOR LEAD: RAYCHEM 55A0111 in accordance with MIL-W-22759/32, See Table for AWG. ETFE insulated, stranded tin plated copper.  
Color: white.
- GROUND LEAD: RAYCHEM 55A0111 in accordance with MIL-W-22759/32. See Table for AWG. ETFE insulated, stranded tin plated copper.  
Color: blue.

**APPLICATION**

- The parts covered by this SCD are for use in terminating the primary conductor and the braided shield of a coaxial cable having tin or silver plated conductor and shield, rated for at least 125° C and meeting the dimensional requirements listed.
- Parts will meet the requirements of Raychem Specification RT-1404 when installed per Raychem RPIP-500-03.
- Temperature range: -55°C to +150°C.


For best results, prepare the cable as shown:



|  |  |                                       |  |   |  |                             |
|--|--|---------------------------------------|--|---|--|-----------------------------|
|  |  | <b>Raychem<br/>Devices</b>            |  | TITLE:<br>COAXIAL SOLDER SLEEVE DEVICE WITH<br>PRE-INSTALLED STRANDED WIRE  |  |                             |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |  |                                       |  | DOCUMENT NO.:   |  |                             |
|  |  |                                       |  | B-044-GA-N  |  |                             |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A  |  | ANGLES: N/A<br>ROUGHNESS<br>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. |  | Revision : G                |
| DRAWN BY:<br>MALLIKA.D   |  | CAGE CODE:<br>06090                   |  | DATE:<br>19-NOV-21  |  | Issue Date :<br>01-DEC-2021 |
|  |  | ECN:<br>ECN-21-128737                 |  | SCALE:<br>NTS   |  | SIZE:<br>A                  |
|  |  |                                       |  |   |  | SHEET:<br>1 of 1            |

# CUSTOMER DRAWING

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|  |   |  |                                    |  |                             |                  |
|--|---|--|------------------------------------|--|-----------------------------|------------------|
|                     |   | <b>Raychem<br/>Devices</b>   |                                    | TITLE:<br>COAXIAL SOLDERSLLEEVE DEVICE WITH<br>PRE-INSTALLED STRANDED WIRE |                             |                  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |   |  | DOCUMENT NO.:<br><b>B-044-GA-N</b> |  |                             |                  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A  | ANGLES: N/A<br><br>ROUGHNESS<br>IN MICRON | TE Connectivity reserves the right to<br>amend this drawing at any time. Users<br>should evaluate the suitability of the<br>product for their application. |                                    | Revision : G   | Issue Date :<br>01-DEC-2021 |                  |
| DRAWN BY:<br>MALLIKA.D   | CAGE CODE:<br>06090                       | DATE:<br>19-NOV-21   | ECN:<br>ECN-21-<br>128737          | SCALE:<br>NTS  | SIZE:<br>A                  | SHEET:<br>2 of 1 |

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