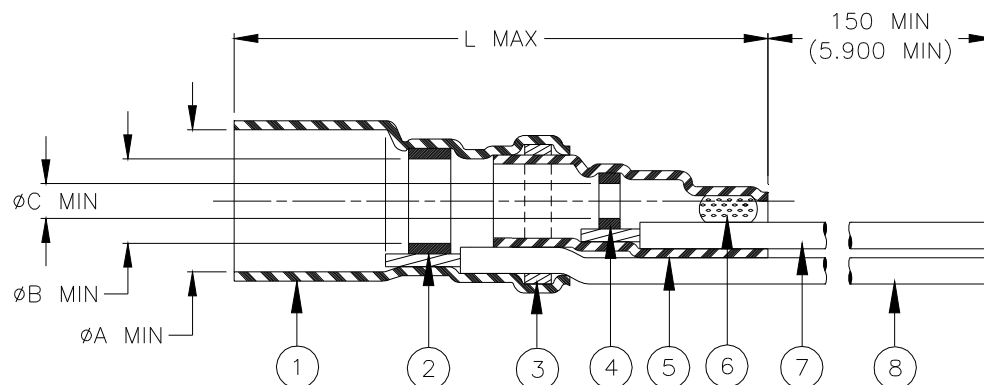


## SPECIFICATION CONTROL DRAWING



| Product Name | Component Dimensions |              |              |             | "GA" Wire Gauge (AWG) | Cable Dimensions             |                              |              |                |                |
|--------------|----------------------|--------------|--------------|-------------|-----------------------|------------------------------|------------------------------|--------------|----------------|----------------|
|              | L max                | øA min       | øB min       | øC min      |                       | øD                           | øE                           | øF min       | G±0.5 (G±0.02) | M±0.5 (M±0.02) |
| B-044-20-N   | 28.0                 | 3.40 (0.135) | 2.30 (0.090) | 0.8 (0.030) | 20                    | 1.70 (0.065) to 3.40 (0.135) | 1.30 (0.050) To 2.30 (0.090) | 0.30 (0.012) | 16.0 (0.630)   | 6.0 (0.235)    |
| B-044-22-N   | (1.100)              |              |              |             | 22                    |                              |                              |              |                |                |
| B-044-24-N   | 29.0 (1.142)         |              |              |             | 24                    |                              |                              |              |                |                |
| B-044-26-N   | 28.0 (1.100)         |              |              |             | 26                    |                              |                              |              |                |                |

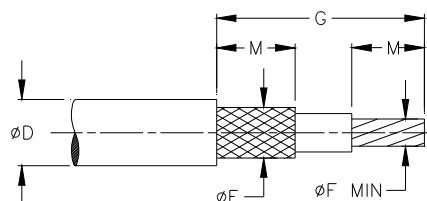
### MATERIALS

1. & 5. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. & 4. SOLDER PREFORMS WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL1 per ANSI J-STD-004.
3. & 6. MELTABLE RINGS: Thermally stabilized thermoplastic.
7. CONDUCTOR LEAD: MIL-W-22759/32-GA-9, AWG "GA" (see table). ETFE insulated, stranded tin plated copper. Color: white.
8. GROUND LEAD: MIL-W-22759/32-GA-6, AWG "GA" (see table). ETFE insulated, stranded tin plated copper. Color: blue.

### APPLICATION

1. 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.
2. Parts will meet the requirements of Raychem Specification RT-1404 when installed per Raychem RPIP-500-03.
3. Temperature range: -55°C to +150°C.

For best results, prepare the cable as shown:



|                                                                                                        |                                           |                                                                                                                                                            |                              |                                                                                |                                    |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|------------------------------------|
|                     |                                           | TE Connectivity<br>300 Constitution Dr<br>Menlo Park, CA<br>94025, U.S.A.                                                                                  |                              | TITLE:<br><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] |                                           | <b>Raychem</b>                                                                                                                                             |                              | DOCUMENT NO.:<br><br>B-044-GA-N                                                |                                    |
| 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. |                              | REV:<br><br>E1                                                                 | DATE:<br><br>15-Apr-11             |
| DRAWN BY:<br>P.TALLY                                                                                   | CAGE CODE:<br>06090                       | REPLACES:<br>D001334                                                                                                                                       | ECO NUMBER:<br>ECO-11-005139 | SCALE:<br><br>NTS                                                              | SIZE:<br>A<br><br>SHEET:<br>1 of 1 |

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