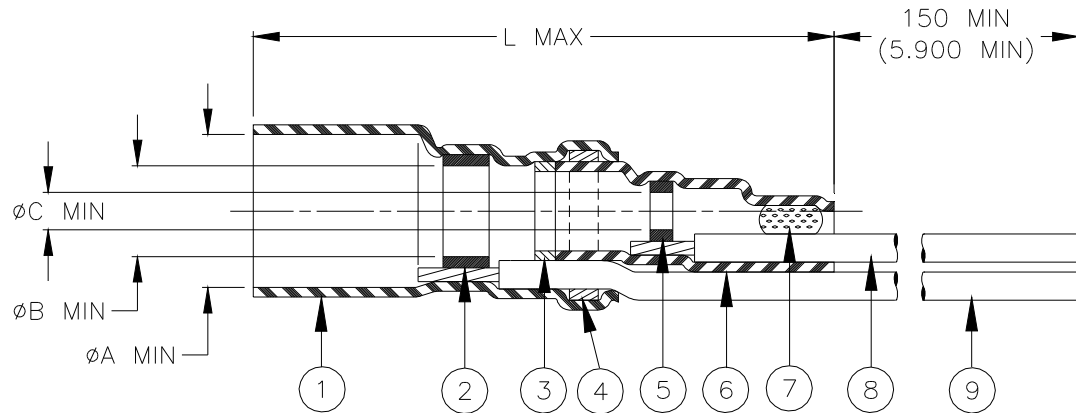


## SPECIFICATION CONTROL DRAWING



| Product Revision |   | Component Dimensions |                 |                 |                 | "GA"<br>Wire Gauge<br>(AWG) | Cable Dimensions                         |                                          |                 |                   |                   |
|------------------|---|----------------------|-----------------|-----------------|-----------------|-----------------------------|------------------------------------------|------------------------------------------|-----------------|-------------------|-------------------|
| Product Name     |   | L<br>max             | øA<br>min       | øB<br>min       | øC<br>min       |                             | øD                                       | øE                                       | øF<br>min       | G±0.5<br>(G±0.02) | M±0.5<br>(M±0.02) |
| B-020-20-N       | D | 32.0<br>(1.260)      | 6.30<br>(0.250) | 4.60<br>(0.180) | 2.80<br>(0.110) | 20                          | 2.40<br>(0.095)<br>to<br>6.30<br>(0.250) | 2.30<br>(0.090)<br>to<br>4.60<br>(0.180) | 0.30<br>(0.012) | 19.0<br>(0.750)   | 6.0<br>(0.235)    |
| B-020-22-N       | D |                      |                 |                 |                 | 22                          |                                          |                                          |                 |                   |                   |
| B-020-24-N       | D |                      |                 |                 |                 | 24                          |                                          |                                          |                 |                   |                   |
| B-020-26-N       | D |                      |                 |                 |                 | 26                          |                                          |                                          |                 |                   |                   |

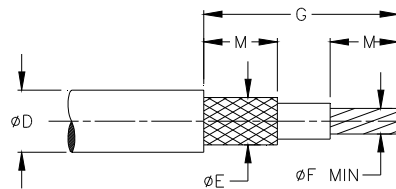
### MATERIALS

1. & 6. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
2. & 5. SOLDER PREFORMS WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROL1 per ANSI J-STD-004.
- 3., 4. & 7. MELTABLE RINGS: Thermally stabilized thermoplastic.
8. CONDUCTOR LEAD: MIL-W-22759/32-GA-9, AWG "GA" (see table). ETFE insulated, stranded tin plated copper.  
Color: white.
9. 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>305 Constitution Drive<br>Menlo Park, CA 94025, USA |  | Raychem<br>Products                                                                                                                                        |  | TITLE:<br>COAXIAL SOLDERSLEEVE DEVICE WITH<br>PRE-INSTALLED STRANDED WIRES |  |                     |  |            |  |                  |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS.<br>INCHES DIMENSIONS ARE BETWEEN BRACKETS. |  |                                                                        |  |                                                                                                                                                            |  | DOCUMENT NO.: B-020-GA-N                                                   |  |                     |  |            |  |                  |  |
| TOLERANCES:<br>0.00 N/A<br>0.0 N/A<br>0 N/A                                                          |  | ANGLES: N/A<br><br>ROUGHNESS IN<br>MICRON                              |  | TE Connectivity reserves the right to amend<br>this drawing at any time. Users should evaluate<br>the suitability of the product for their<br>application. |  | DATE:<br><br>15-Apr-11                                                     |  | DOC ISSUE:<br><br>2 |  |            |  |                  |  |
| DRAWN BY:<br>M. FORONDA                                                                              |  | REPLACES:<br>B020xyn1                                                  |  | PROD. REV.<br>SEE TABLE                                                                                                                                    |  | DCR NUMBER:<br>D000432                                                     |  | SCALE:<br>None      |  | SIZE:<br>A |  | SHEET:<br>1 of 1 |  |

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