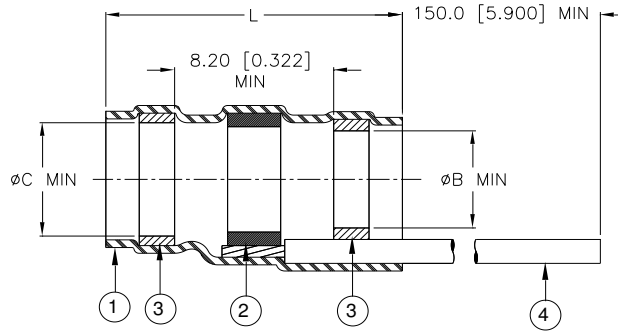


# CUSTOMER DRAWING



| Product Name    | Ident. Code | Color Code (CL) | Product Dimensions |              |              | Cable Dimensions |              |              |              |
|-----------------|-------------|-----------------|--------------------|--------------|--------------|------------------|--------------|--------------|--------------|
|                 |             |                 | L±1.75 [L±0.075]   | øB min       | øC min       | øD max           | øE max       | øF min       | øG min       |
| S200-1-W2-GA-CL | S2001R      | 9               | 16.50 [0.650]      | 1.90 [0.075] | 2.67 [0.105] | 1.90 [0.075]     | 2.67 [0.105] | 0.90 [0.035] | 0.50 [0.020] |
| S200-2-W2-GA-CL | S2002R      | 9               | 16.50 [0.650]      | 2.67 [0.105] | 3.68 [0.145] | 2.67 [0.105]     | 3.68 [0.145] | 1.40 [0.055] | 0.75 [0.030] |
| S200-3-W2-GA-CL | S2003R      | 9               | 16.50 [0.650]      | 4.32 [0.170] | 5.08 [0.200] | 4.32 [0.170]     | 5.08 [0.200] | 2.15 [0.085] | 1.25 [0.050] |
| S200-4-W2-GA-CL | S2004R      | 9               | 19.10 [0.750]      | 5.97 [0.235] | 6.48 [0.255] | 5.97 [0.235]     | 6.48 [0.255] | 3.30 [0.130] | 1.80 [0.070] |
| S200-5-W2-GA-CL | S2005R      | 9               | 19.10 [0.750]      | 6.98 [0.275] | 7.62 [0.300] | 6.98 [0.275]     | 7.62 [0.300] | 4.30 [0.170] | 2.50 [0.100] |

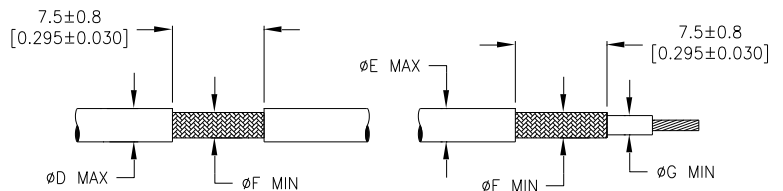
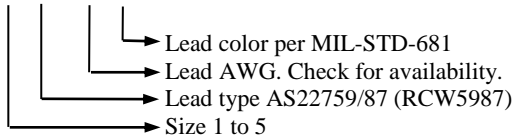
## MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified fluoropolymer.
- 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: Fusible ring.
- MELTABLE RINGS: Environment resistant modified thermoplastic fluoropolymer. Color: light blue.
- PRE-INSTALLED LEAD: Stranded nickel-plated copper wire in accordance with SAE-AS22759/87. Color: see table.

## APPLICATION

- These parts are designed to provide an environment resistant shield termination on cables, rated for 150°C minimum, meeting the dimensional criteria listed, having silver or nickel-plated shields and insulations compatible with the insert material.
- Install using TE Connectivity-approved convection or infrared heating tools in accordance with TE Connectivity process standard RCPS-100-71. When installed with approved convection or infrared heating tools, assemblies will meet the performance requirements of SAE AS83519. Infrared tools are not recommended for use with black cable jackets.
- Parts shall be marked with identification code per table.
- Temperature range: -65°C to +200°C.
- For best results, prepare the cable as shown:

Part Number Guide:  
S200-X-W2-GA-CL



"G" is the minimum diameter on which the sleeve will seal.

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|  |                                       |  |   |                        |               |                            |                  |
|--|---------------------------------------|--|---|------------------------|---------------|----------------------------|------------------|
|  |                                       |  | TITLE:<br>SOLDERSLEEVE SHIELD TERMINATOR WITH LEADS,<br>IMMERSION RESISTANT, 200 DEG C,<br>ROHS COMPLIANT |                        |               |                            |                  |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |                                       | Raychem<br>Devices   | DOCUMENT NO.:<br><b>S200-X-W2-GA-CL</b>   |                        |               |                            |                  |
| 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<br>amend this drawing at any time.<br>Users should evaluate the suitability<br>of the product for their application. |   | Revision :<br><b>D</b> |               | Issue Date :<br>April 2020 |                  |
| DRAWN BY:<br>P.TALLY   | CAGE CODE:<br>06090                   | DATE:<br>April 16, 2020  |   | ECO: ECO-20-004961     | SCALE:<br>NTS | SIZE:<br>A                 | SHEET:<br>1 of 1 |

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