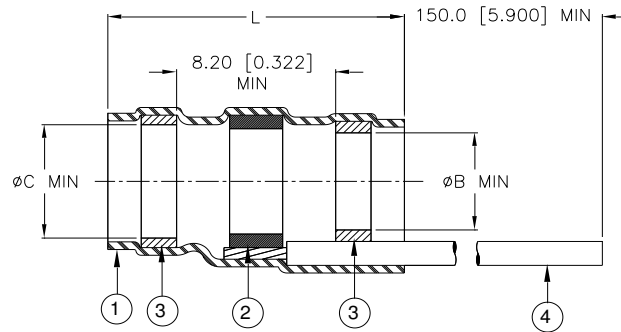


# CUSTOMER DRAWING



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

## MATERIALS

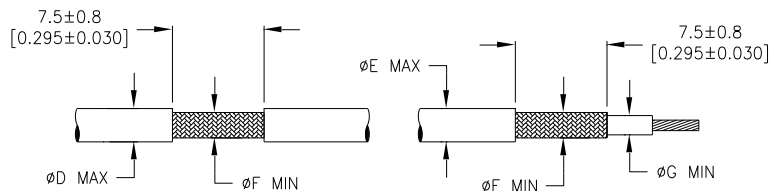
1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified fluoropolymer.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:  
SOLDER: TYPE Sn96 per ANSI / J-STD-006.  
FLUX: TYPE ROM1 per ANSI / J-STD-004.  
THERMAL INDICATOR: Fusible ring.
3. MELTABLE RINGS: Environment resistant modified thermoplastic fluoropolymer. Color: light blue.
4. PRE-INSTALLED LEAD: Stranded nickel-plated copper wire in accordance with SAE-AS22759/87. Color: see table.

## APPLICATION

1. 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.
2. 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.
3. Parts shall be marked with identification code per table.
4. Temperature range: -65°C to +200°C.
5. For best results, prepare the cable as shown:

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

- Lead color per MIL-STD-681
- Lead AWG. Check for availability.
- Lead type AS22759/87 (RCW5987)
- Size 1 to 5



“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><br>S200-X-W2-GA-CL                                                                      |                    |                                |                |
| 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.<br>Users should evaluate the suitability<br>of the product for their application. | Revision :<br><br>D                                                                                       |                    | Issue Date :<br><br>April 2020 |                |
| DRAWN BY:<br>P.TALLY                                                                                   | CAGE CODE:<br>06090                       |                                                                                                                                                            | DATE:<br><br>April 16, 2020                                                                               | ECO: ECO-20-004961 | SCALE:<br>NTS                  | SIZE:<br><br>A |

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