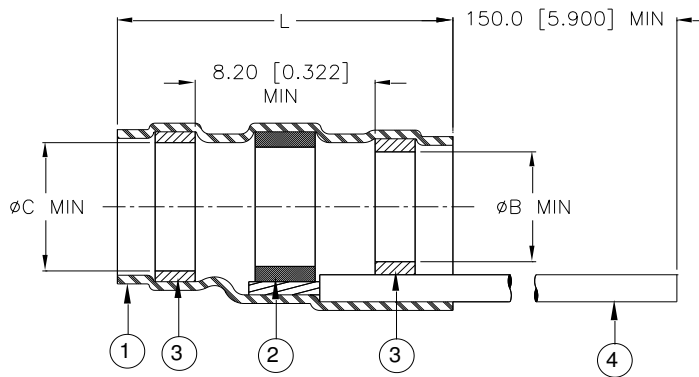


## CUSTOMER DRAWING



| Product Name   | Ident. Code | 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-W1-22-9 | S2001R      | 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-W1-22-9 | S2002R      | 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-W1-22-9 | S2003R      | 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-W1-22-9 | S2004R      | 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-W1-22-9 | S2005R      | 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) |

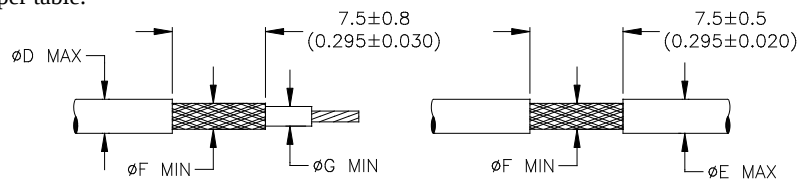
### MATERIALS

- 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 silver-plated copper in accordance with SAE-AS22759/91-22-9. Color: white.

### 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:



“G” is the minimum diameter on which the sleeve will seal.

|                                                                                                        |                                           |                                                                                                                                                            |                                                                                                                                      |  |                           |
|--------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|
|                     |                                           |                                                                                                                                                            | <b>TITLE:</b><br><b>SOLDERSLEEVE SHIELD TERMINATOR WITH LEADS,</b><br><b>IMMERSION RESISTANT, 200 DEG C</b><br><b>ROHS COMPLIANT</b> |  |                           |
| Unless otherwise specified dimensions are in millimeters.<br>[Inches dimensions are shown in brackets] |                                           | Raychem<br>Devices                                                                                                                                         | DOCUMENT NO.:<br><b>S200-X-W1-22-9</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. | REV:<br><br>D                                                                                                                        |  | DATE:<br><br>May 25, 2016 |
| REVISED BY:<br>HMR                                                                                     | CAGE CODE:<br>06090                       | ECO NUMBER:<br>ECO-16-007432                                                                                                                               | SCALE:<br><br>NTS                                                                                                                    |  | SIZE:<br><br>A            |
|                                                                                                        |                                           |                                                                                                                                                            |                                                                                                                                      |  | SHEET:<br><br>1 of 1      |

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