



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

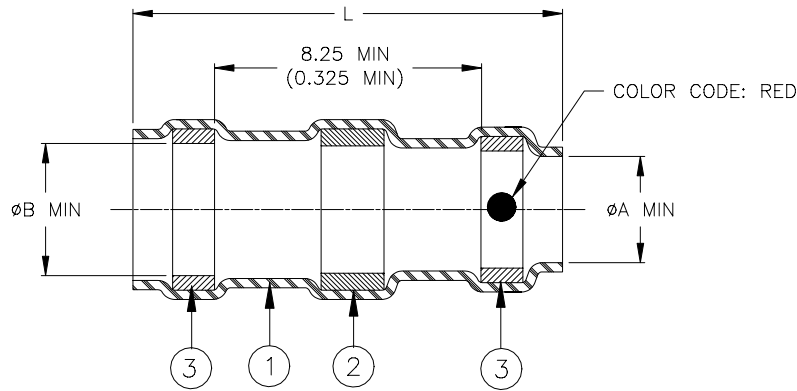
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SPECIFICATION CONTROL DRAWING



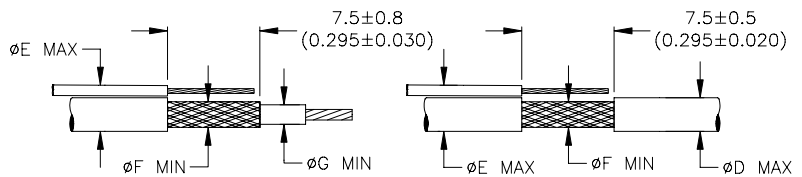
| Product Revision | | Ident Code | Product Dimensions | | | Cable Dimensions | | | |
|------------------|---|------------|---------------------|-----------------|-----------------|------------------|-----------------|-----------------|-----------------|
| Product Name | | | L±1.75 (L±0.075) | øA min | øB min | øD max | øE max | øF min | øG min |
| SO175-1-00 | A | SO1751R | 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) |
| SO175-2-00 | A | SO1752R | 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) |
| SO175-3-00 | A | SO1753R | 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) |
| SO175-4-00 | A | SO1754R | 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) |
| SO175-5-00 | A | SO1755R | 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 polyvinylidene fluoride.
- 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, melt point: 232°C, completely melted at 240°C.
 - MELTABLE RINGS: Environment resistant thermoplastic. Color: blue.

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 nickel-plated shields and insulations compatible with the insert material. For compatible insulations, see MIL-S-83519/1 or consult Tyco Electronics/Raychem.
- When installed per Tyco Electronics/Raychem process standard RCPS-100-70, assemblies will meet performance requirement of Tyco Electronics/Raychem Specification RT-1404, MIL-S-83519, and 514.1920/99 Aerospatiale Matra Specification.
- Temperature range: -55°C to +175°C.
For best results, prepare the cable as shown:



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

SolderSleeve is a trademark of Tyco Electronics Corporation

| | | | | | | | | | |
|--|--|--|----------------------|---|------------------------------------|--|--------------------------|------------------|--------------------|
| | | Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A. | | | | TITLE: SOLDERSLEEVE SHIELD TERMINATOR, IMMERSION RESISTANT, 175°C, LEAD-FREE | | | |
| Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] | | | | | DOCUMENT NO.: SO175-X-00 | | | | |
| TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A | | ANGLES: N/A ROUGHNESS IN MICRON | | Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application. | | | PROD. REV.: SEE TABLE | DOC. ISSUE: 1 | DATE: 25-Apr-03 |
| DRAWN BY: M. FORONDA | | CAGE CODE: 06090 | REPLACES: D020140 | DCR NUMBER: D030220 | SCALE: None | SIZE: A | SHEET: 1 of 1 | | |

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