169750-000 Product Details

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Detailed product features are not currently available online.

Product features can often be found by referring to the available documents. Contact us for information about this product.

No Image Available

169750-000
(S02-09-R)
TE Internal Number:
169750-000
Active

S02-09-R
Not EU RoHS or ELV Compliant

Quick Links
- Pricing & Availability
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Documentation & Additional Information

Product Drawings:
- SolderSleeve Shield Terminator, Immersion Resistant,... (PDF, English)

Catalog Pages/Data Sheets:
- None Available

Product Specifications:
- None Available

Application Specifications:
- None Available

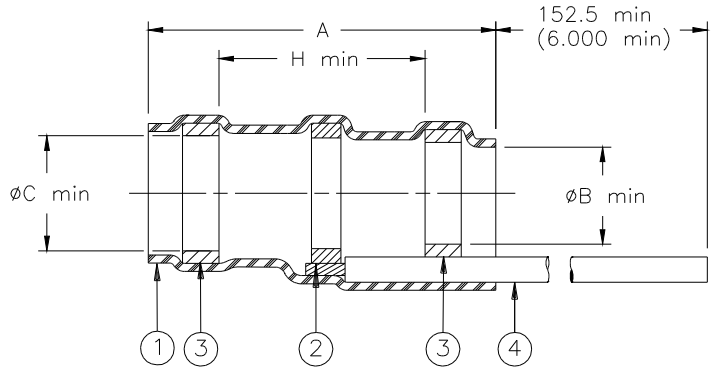
Instruction Sheets:
- None Available

CAD Files:
- None Available

List all Documents

Related Products:
- Tooling

SPECIFICATION CONTROL DRAWING



Product Name								Product Dimensions				Cable Dimensions				
Product Rev.		Product Rev.		Product Rev.		Product Rev.		A±1.75	øB	øC	H	øE	øF	øG	øD	J±0.5
20 AWG		22 AWG		24 AWG		26 AWG		(A±0.07)	min	min	min	max	min	min	max	(J±0.02)
S02-01-R	D	S02-06-R	D	S02-11-R	D	S02-16-R	D	16.5 (0.650)	1.90 (0.075)	2.65 (0.105)	8.25 (0.325)	2.65 (0.105)	0.90 (0.035)	0.50 (0.020)	1.90 (0.075)	7.5 (0.295)
S02-02-R	D	S02-07-R	D	S02-12-R	D	S02-17-R	D	16.5 (0.650)	2.65 (0.105)	3.68 (0.145)	8.25 (0.325)	3.68 (0.145)	1.40 (0.055)	0.75 (0.030)	2.65 (0.105)	7.5 (0.295)
S02-03-R	D	S02-08-R	D	S02-13-R	D	S02-18-R	D	16.5 (0.650)	4.30 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)	4.30 (0.170)	7.5 (0.295)
S02-04-R	D	S02-09-R	D	S02-14-R	D	S02-19-R	D	19.1 (0.750)	5.95 (0.235)	6.45 (0.255)	8.25 (0.325)	6.45 (0.255)	3.30 (0.130)	1.80 (0.070)	5.95 (0.235)	7.5 (0.295)
S02-05-R	D	S02-10-R	D	S02-15-R	D	S02-20-R	D	19.1 (0.750)	7.00 (0.275)	7.60 (0.300)	8.25 (0.325)	7.60 (0.300)	4.30 (0.170)	2.50 (0.100)	7.00 (0.275)	7.5 (0.295)

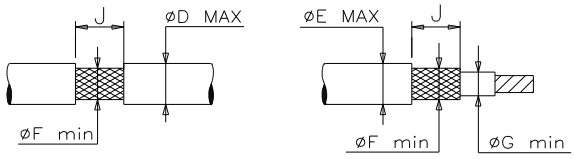
MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
   SOLDER: TYPE Sn63 per ANSI-J-STD-006.
   FLUX: TYPE ROL1 per ANSI-J-STD-004.
   THERMAL INDICATOR: Color change: violet to colorless.
3. MELTABLE RING: Environment resistant thermoplastic. Color:blue.
4. GROUND LEAD: MIL-W-22759/32-AA-90 lead gauge per table.

APPLICATION

1. These parts are designed to provide an environment resistant shield termination on cables meeting the following criteria:
   Dimensions: Per table. Jacket rating: 125°C.
   Shield plating: Tin or silver. Jacket material: See M83519/2 or consult Raychem.
2. Parts are qualified to M83519/2.
3. For assembly information, refer to Raychem document RCPS-100-70.

For best results, prepare the cable as shown:



* A trademark of TE Connectivity.

TE connectivity	TE Connectivity 300 Constitutional Drive Menlo Park, CA 94025 USA	RAYCHEM		TITLE: **SOLDERSLEEVE* SHIELD TERMINATOR, IMMERSION RESISTANT, MIL-S-83519/2**			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.				DOCUMENT NO: **S02-XX-R**			
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A ROUGHNESS IN MICRON	TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		DATE: 16-Apr-11		DOC ISSUE: 4	
DRAWN BY: M. FORONDA	CAGE CODE: 06090	REPLACES: D970095	DCR NUMBER: D981342	PROD. REV.: SEE TABLE	SCALE: None	SIZE: A	SHEET: 1 of 1