

163665-000 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

S02-07-R

Not EU RoHS or ELV Compliant

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163665-000

(S02-07-R)

TE Internal Number:
163665-000

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Documentation & Additional Information

Product Drawings:

-  [SolderSleeve Shield Terminator, Immersion Resistant,...](#) (PDF, English)

Related Products:

-  [Tooling](#)

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](#)

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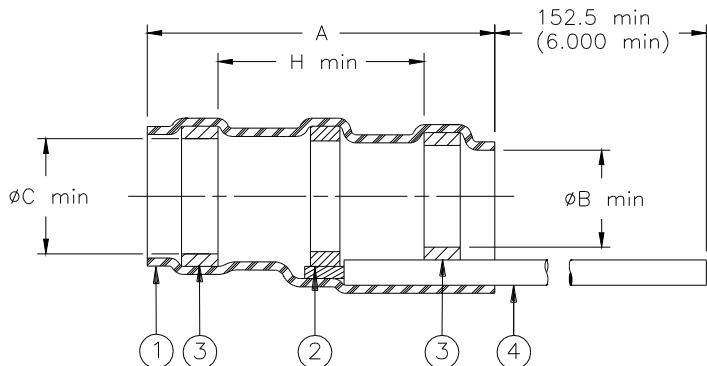
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SPECIFICATION CONTROL DRAWING



Product Name				Product Dimensions				Cable Dimensions				
Product Rev.	Product Rev.	Product Rev.	Product Rev.	A±1.75 (A±0.07)	øB min	øC min	H min	øE max	øF min	øG min	øD max	J±0.5 (J±0.02)
20 AWG	22 AWG	24 AWG	26 AWG	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)
S02-01-R	D	S02-06-R	D	S02-11-R	D	S02-16-R	D	16.5 (0.650)	2.65 (0.145)	3.68 (0.325)	8.25 (0.145)	3.68 (0.055)
S02-02-R	D	S02-07-R	D	S02-12-R	D	S02-17-R	D	16.5 (0.650)	4.30 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)
S02-03-R	D	S02-08-R	D	S02-13-R	D	S02-18-R	D	16.5 (0.650)	5.95 (0.235)	6.45 (0.255)	8.25 (0.325)	6.45 (0.255)
S02-04-R	D	S02-09-R	D	S02-14-R	D	S02-19-R	D	19.1 (0.750)	7.00 (0.275)	7.60 (0.300)	8.25 (0.325)	3.30 (0.130)
S02-05-R	D	S02-10-R	D	S02-15-R	D	S02-20-R	D	19.1 (0.750)	7.00 (0.300)	7.60 (0.300)	8.25 (0.325)	4.30 (0.170)

MATERIALS

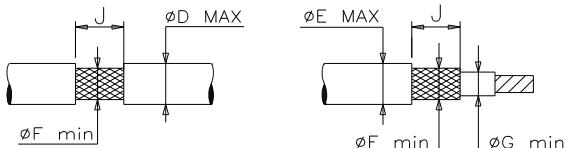
1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
2. SOLDER PREFORM WITH FLUX AND THERMAL INDICATOR:
 - SOLDER: TYPE Sn63 per ANSI-J-STD-006.
 - FLUX: TYPE ROL1 per ANSI-J-STD-004.
 - THERMAL INDICATOR: Color change: violet to colorless.
3. MELTABLE 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

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