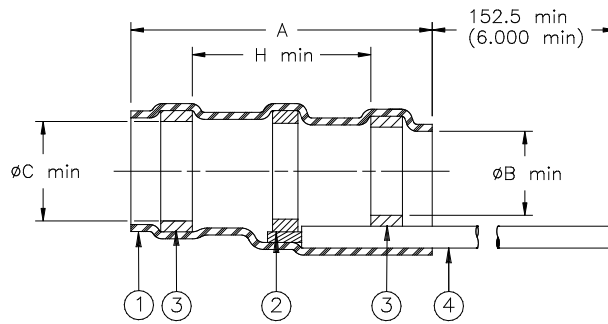


CUSTOMER DRAWING



Product Name				Product Dimensions				Cable Dimensions				
20 AWG	22 AWG	24 AWG	26 AWG	A±1.75 (A±0.07)	Ø B min	Ø C min	H min	Ø E max	Ø F min	Ø G min	Ø D max	J±0.5 (J±0.02)
S02-01-R	S02-06-R	S02-11-R	S02-16-R	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	S02-07-R	S02-12-R	S02-17-R	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	S02-08-R	S02-13-R	S02-18-R	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	S02-09-R	S02-14-R	S02-19-R	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	S02-10-R	S02-15-R	S02-20-R	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)

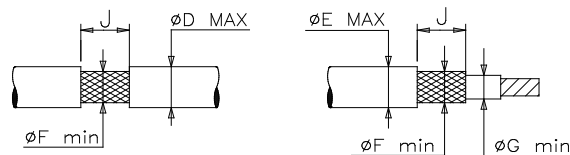
MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked polyvinylidene fluoride.
- 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.
- MELTABLE RING: Environment resistant thermoplastic. Color: blue.
- GROUND LEAD: MIL-W-22759/32-AA-90 lead gauge per table.

APPLICATION

- 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 TE Connectivity.
- Parts are qualified to M83519/2.
- For assembly information, refer to Raychem document RCPS-100-70.

For best results, prepare the cable as shown:



		Raychem DEVICES	TITLE: SOLDERSLEEVE* SHIELD TERMINATOR, IMMERSION RESISTANT, MIL-S-83519/2		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in 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.	REV : 5	DATE : 30-Mar-2020	
PREPARED BY: M. FORONDA	CAGE CODE: 06090		ECO: ECO-20-004510	SCALE: NTS	SIZE: A

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TE Connectivity:

[S02-05-R](#) [S02-12-R](#) [S02-11-R](#) [S02-08-R](#) [S02-07-R](#) [S02-10-R-90](#) [S02-17-R-95](#) [S02-07-R-9](#) [S02-07-R-90](#) [1-1197897-2](#) [S02-01-W2-24-00-100CS2870](#) [S0202W1229100CS2870](#) [S02-02-W2-24-00-100CS2870](#) [S0203W1229100CS2870](#) [S02-07-R-90CS925](#) [S02-08-R-90-65-T](#) [S02-08-R-93](#) [S02-10-R-3](#) [S02-17-R-3](#) [S02-18-R-3](#) [S02-18-RCS453](#) [S02-19-RCS453](#) [S02-16-RCS453](#) [S02-08-R-4](#) [S02-08-R-6](#) [S02-08-R-3](#) [S02-08-R-9](#) [S02-14-RCS453](#) [S02-17-RCS453](#) [S02-13-RCS453](#) [S02-12-RCS453](#) [S02-10-RCS453](#) [S02-09-RCS453](#) [S02-08-RCS453](#) [S02-07-RCS453](#) [S02-05-RCS453](#) [S02-04-RCS453](#) [S02-01-RCS453](#) [S02-03-RCS453](#) [S02-02-RCS453](#) [S02-07-R-3](#) [S02-02-W3-22-00-100](#) [S02-10-R-4CS816](#) [S02-07-R-9CS925](#) [S02-07-R-5CS816](#) [S02-08-R-3CS926](#) [S02-07-R-92CS816](#) [S02-20-R-3CS1093](#) [S02-20-R-90CS1093](#) [S02-08-R-5](#) [S02-20-R-6CS1093](#) [S02-18-R-5CS1092](#) [S02-06-RCS453](#) [S02-01-W1-22-9-100CS2870](#) [S02-08-R-90](#) [S02-11-RCS453](#) [S02-04-W1-22-9-100CS2870](#) [S02-18-R-3CS1092](#) [S02-20-R-9](#) [S02-08-R-92CS816](#) [S02-08-R-6CS816](#) [S02-08-R-5CS816](#) [S02-07-R-93](#) [S02-20-R-9CS1093](#) [S02-07-R-95](#) [S02-18-R-9CS1092](#) [S02-18-R-95CS1092](#) [S02-07-R-9CS816](#) [S02-07-R-4CS925](#) [S02-07-R-6](#) [S02-17-R-90CS928](#) [S02-17-R-4CS928](#) [S02-17-R-5CS928](#) [S02-02-W1-24-9-100](#) [S02-17-R-95CS928](#) [S02-17-R-9](#) [S02-18-R-6CS1092](#) [S02-07-R-91CS816](#) [S02-07-R-4CS816](#) [S02-18-R-92CS1092](#) [S02-08-R-90CS816](#) [S02-10-R-5](#) [S02-20-R-4CS1093](#) [S02-07-R-6CS816](#) [S02-20-RCS453](#) [S02-18-R-93CS1092](#) [S02-15-RCS453](#) [S02-08-R-90CS926](#) [S02-07-R-90CS816](#) [S02-17-R-3CS928](#) [S02-10-R-9CS816](#) [S02-07-R-3CS816](#) [S02-08-R-92](#) [S02-18-R-4CS1092](#) [S02-07-R-93CS816](#) [S02-10-R-9](#) [S02-07-R-98CS816](#) [S02-18-R-90CS1092](#) [S02-20-R-5CS1093](#) [S02-08-R-3CS816](#)