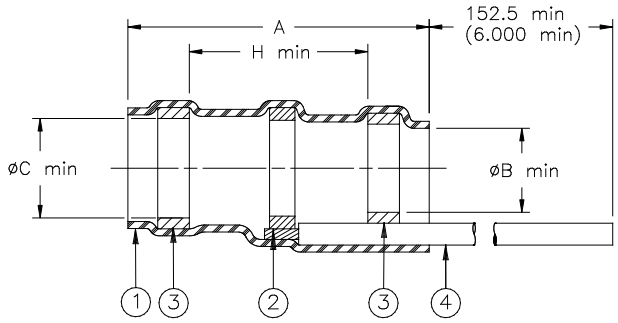
CUSTOMER DRAWING



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)

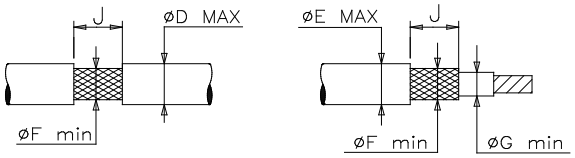
MATERIALS

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 TE Connectivity.
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:



TE connectivity	*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	SHEET: 1 of 1

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