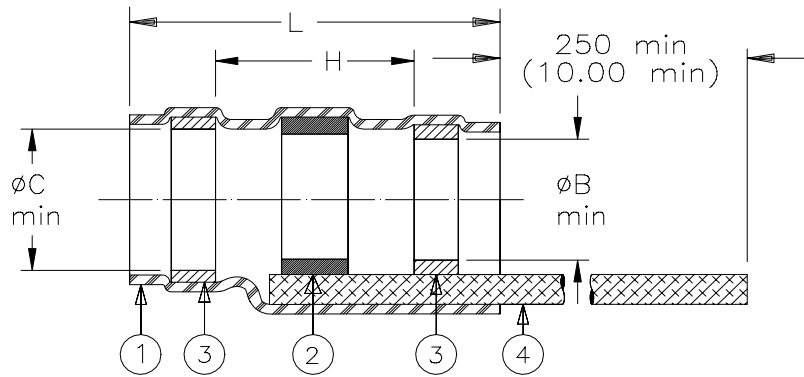


## SPECIFICATION CONTROL DRAWING



Product Revisions		Component Dimensions					Shall Accommodate Cable With Dimensions		
Part Name		Ident. Code	L±1.75 (L±0.07)	B min	C min	H min	E max	F min	D max
S03-01-R-9035-100	A	1-HB	16.5 (0.650)	1.9 (0.075)	2.65 (0.105)	8.25 (0.325)	2.65 (0.105)	0.90 (0.035)	1.9 (0.075)
S03-02-R-9035-100	A	2-HB	16.5 (0.650)	2.65 (0.105)	3.55 (0.140)	8.25 (0.325)	3.55 (0.140)	1.40 (0.055)	2.65 (0.105)
S03-03-R-9035-100	A	3-HB	16.5 (0.650)	4.3 (0.170)	5.0 (0.195)	8.25 (0.325)	5.0 (0.195)	2.15 (0.085)	4.3 (0.170)
S03-04-R-9035-100	A	4-HB	19.7 (0.775)	5.95 (0.235)	6.45 (0.255)	8.25 (0.325)	6.45 (0.255)	3.30 (0.130)	5.95 (0.235)
S03-05-R-9035-100	A	5-HB	19.7 (0.775)	7.0 (0.275)	7.6 (0.300)	8.25 (0.325)	7.6 (0.300)	4.30 (0.170)	7.0 (0.275)

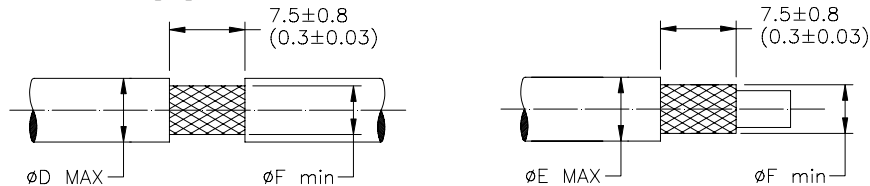
### MATERIAL

- INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.
- SOLDER PREFORM WITH FLUX & 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 RINGS: Thermally stabilized thermoplastic. Color: blue.
- PRE-INSTALLED BRAID: Tin plated copper strands. CMA 1000.

### APPLICATION

- These parts are designed to provide an environment protected shield termination on cables, rated for 125°C minimum, meeting the dimensional criteria listed, having tin or silver plated shields.
- Temperature range: -55°C to +150°C.
- Install using Raychem-approved convection or infrared heating tools in accordance with Raychem process standard RCPS-100-70. Infrared tools are not recommended for use with black jackets.

For best results, prepare the cable as shown:



\*A trademark of Raychem Corporation.

<b>Raychem</b>		<b>THERMOFIT DEVICES</b>	Raychem Corporation 300 Constitution Drive Menlo Park, CA 94025 USA	<b>TITLE:</b> <b>SOLDERSLEEVE* DEVICE SHIELD TERMINATION WITH BRAID</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE IN BETWEEN BRACKETS.				<b>DOCUMENT NO.:</b> <b>S03-0X-R-9035-100</b>			
<b>TOLERANCES:</b> 0.00 N/A 0.0 N/A 0 N/A	<b>ANGLES:</b> N/A  <b>ROUGHNESS IN MICRON</b>	Raychem reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		<b>DCR NUMBER:</b> D981108	<b>REPLACES:</b> S03-9035		
<b>DRAWN BY:</b> R. MAPALO	<b>DATE:</b> 07/20/98	<b>REV.:</b> SEE TABLE	<b>DOC ISSUE:</b> 1	<b>SCALE:</b> NONE	<b>SIZE:</b> A	<b>SHEET:</b> 1 of 1	

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