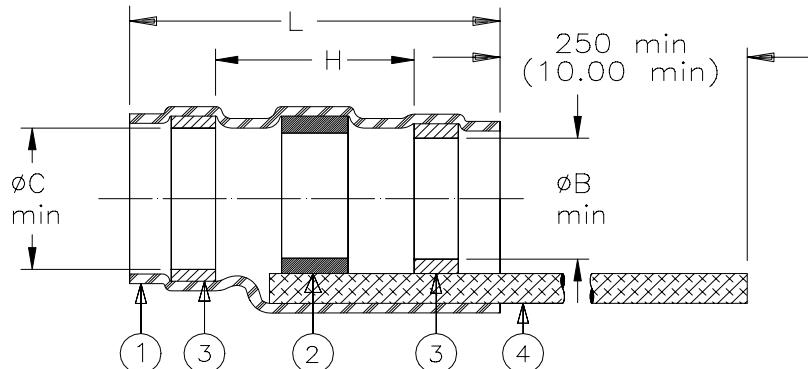


# SPECIFICATION CONTROL DRAWING



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	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	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	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	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	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

1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride. Transparent blue.

2. 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.

3. MELTABLE RINGS: Thermally stabilized thermoplastic. Color: blue.

4. PRE-INSTALLED BRAID: Tin plated copper strands. CMA 1000.

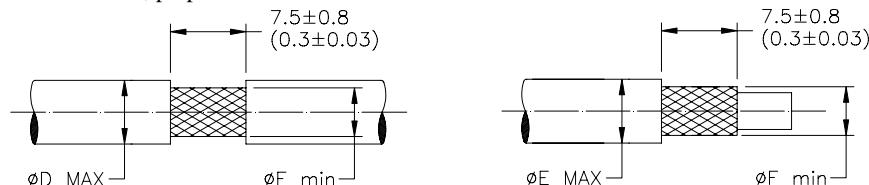
## APPLICATION

1. 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.

2. Temperature range: -55°C to +150°C.

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

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