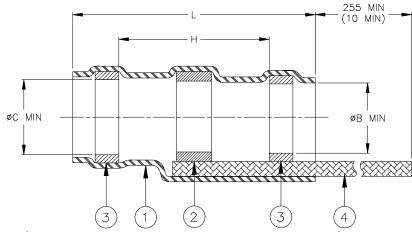
SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions					Cable Dimensions		
Product		Ident.	L±1.75	øΒ	øС	Н	øΕ	øF	øD
Name		Code	(L±0.07)	min.	min.	min.	max.	min.	max.
S03-06-R-100HN	Α	S0306R	16.5	1.90	2.67	8.20	2.67	0.90	1.90
			(0.650)	(0.075)	(0.105)	(0.323)	(0.105)	(0.035)	(0.075)
S03-07-R-100HN	Α	S0307R	16.5	2.67	3.68	8.20	3.68	1.40	2.67
			(0.650)	(0.105)	(0.145)	(0.323)	(0.145)	(0.055)	(0.105)
S03-08-R-100HN	Α	S0308R	16.5	4.32	5.08	8.20	5.08	2.15	4.32
			(0.650)	(0.170)	(0.200)	(0.323)	(0.195)	(0.085)	(0.170)
S03-09-R-100HN	Α	S0309R	19.1	5.97	6.48	8.20	6.48	3.30	5.97
			(0.750)	(0.235)	(0.255)	(0.323)	(0.255)	(0.130)	(0.235)
S03-10-R-100HN	Α	S0310R	19.1	6.98	7.62	8.20	7.62	4.30	6.98
			(0.750)	(0.275)	(0.300)	(0.323)	(0.300)	(0.170)	(0.275)

MATERIALS

- 1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified 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.

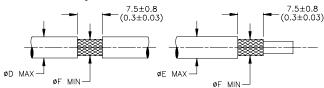
THERMAL INDICATOR: Color change violet to colorless.

- 3. MELTABLE RINGS: Stabilized thermoplastic. Color: blue.
- 4. PRE-INSTALLED BRAID: Nickel plated copper strands per ASTM B355 Class 7. CMA 640.

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 and having tin or silver plated shields and insulation compatible with the insert material. For compatible insulations, see MIL-S-83519/2 or consult Raychem.
- 2. When installed per Raychem process standard RCPS-100-70, assemblies will meet those requirements of Raychem Specification RT-1404 and MIL-S-83519/2 which do not require electrical testing while parts are immersed in water.
- 3. Temperature range: -55°C to +150°C.
- 4. Parts shall be marked with identification code per table.

For best results, prepare the cable as shown:



Raychem		THERMOFIT DEVICES		300 Cons	Corporation titution Drive rk, CA 94025	SOLDERSLEEVE* DEVICE SHIELD TERMINATION WITH BRAID				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. INCHES DIMENSIONS ARE BETWEEN BRACKETS.						DOCUMENT NO.: S03-XX-R-100HN				
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ROUGHNESS IN		any time.	right to amend this Users should evaluate roduct for their	DCR NUMBER: D990	967	REPLACES: N/A		
DRAWN BY: DATE		DATE	E: 12/03/99)	PROD. REV. SEE TABLE	DOC ISSUE: 0	SCALE: None	SIZE:	SHEET: 1 of 1	

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