

## SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions				Cable Dimensions			
Product Name		Ident. Code	L±1.75 (L±0.070)	øA min	øB min	øD max	øE max	øF min	øG min
ST63-1-00	B	ST631R	16.50 (0.650)	1.90 (0.075)	2.65 (0.105)	1.90 (0.075)	2.65 (0.105)	0.90 (0.035)	0.50 (0.020)
ST63-2-00	B	ST632R	16.50 (0.650)	2.65 (0.105)	3.68 (0.145)	2.65 (0.105)	3.68 (0.145)	1.40 (0.055)	0.72 (0.030)
ST63-3-00	B	ST633R	16.50 (0.650)	4.30 (0.170)	5.08 (0.200)	4.30 (0.170)	5.08 (0.200)	2.15 (0.085)	1.25 (0.050)
ST63-4-00	B	ST634R	19.10 (0.750)	5.95 (0.235)	6.45 (0.255)	5.95 (0.235)	6.45 (0.255)	3.30 (0.130)	1.80 (0.070)
ST63-5-00	B	ST635R	19.10 (0.750)	7.00 (0.275)	7.60 (0.300)	7.00 (0.275)	7.60 (0.300)	4.30 (0.170)	2.50 (0.100)

### MATERIALS

- INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
- SOLDER PREFORM WITH FLUX:  
SOLDER: TYPE Sn63 per ANSI-J-STD-006.  
FLUX: TYPE ROL1 per ANSI-J-STD-004.
- MELTABLE RINGS: Stabilized thermoplastic. Color: blue.

### APPLICATION

- These parts are designed to provide an environment resistant shield terminations on cables, rated for 125°C minimum, meeting the dimensional criteria listed, having tin or silver plated shields and insulation.
- When installed per Raychem process standard RCPS-100-70, assemblies will meet requirements of Raychem Specification RT-1404.
- Temperature range: -55°C to +150°C.
- For best results, prepare the cable as shown:



<b>tyco</b> <b>Electronics</b>		<b>Raychem Products</b> 305 Constitution Drive, Menlo Park, CA. 94025, USA		TITLE: <b>SOLDERSLEEVE SHIELD TERMINATOR</b>				
Unless otherwise specified dimensions are in millimeters. Inches dimensions are shown in brackets.				DOCUMENT NO.: <b>ST63-X-00</b>				
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N/A  ROUGHNESS IN MICRON	Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		PROD. REV.: SEE TABLE	DOC. ISSUE: 6	DATE: 6-Dec-02		
PREPARED BY: mforonda		DCR NUMBER: D020557		REPLACES: D981346		SCALE: None	SIZE: A	SHEET: 1 of 1

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