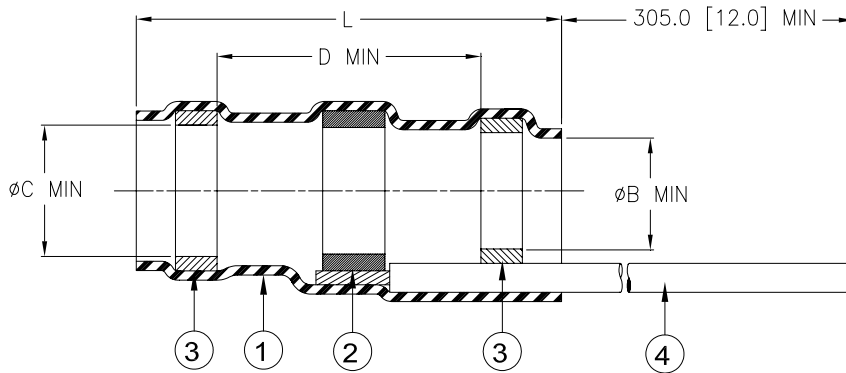


## SPECIFICATION CONTROL DRAWING



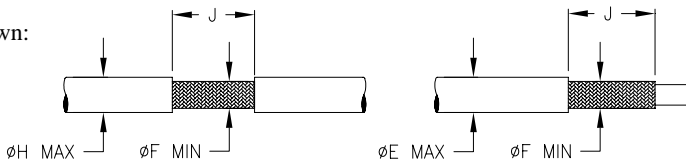
Product Revisions		Product Dimensions					Cable Dimensions			
Part Name		Ident. Code	L±1.75 (L±0.070)	ØB min	ØC min	D min	ØE max	ØF min	ØH max	J±0.80 (J±0.030)
ST63-1-W1-22-9-120	A	ST631R	16.50 (0.650)	1.90 (0.075)	2.67 (0.105)	8.25 (0.325)	2.67 (0.105)	0.90 (0.035)	1.90 (0.075)	7.50 (0.300)
ST63-2-W1-22-9-120	A	ST632R	16.50 (0.650)	2.67 (0.105)	3.68 (0.145)	8.25 (0.325)	3.68 (0.145)	1.40 (0.055)	2.65 (0.105)	7.50 (0.300)
ST63-3-W1-22-9-120	A	ST633R	16.50 (0.650)	4.32 (0.170)	5.08 (0.200)	8.25 (0.325)	5.08 (0.200)	2.15 (0.085)	4.32 (0.170)	7.50 (0.300)
ST63-4-W1-22-9-120	A	ST634R	19.10 (0.750)	5.97 (0.235)	6.48 (0.255)	8.25 (0.325)	6.48 (0.255)	3.30 (0.130)	5.97 (0.235)	7.50 (0.300)
ST63-5-W1-22-9-120	A	ST635R	19.10 (0.750)	7.00 (0.275)	7.62 (0.300)	8.25 (0.325)	7.62 (0.300)	4.30 (0.170)	7.00 (0.275)	7.50 (0.300)
ST63-6-W1-22-9-120	A	ST636R	27.90 (1.100)	8.75 (0.345)	9.75 (0.385)	13.35 (0.525)	9.75 (0.385)	5.08 (0.200)	8.75 (0.345)	9.50 (0.375)
ST63-7-W1-22-9-120	A	ST637R	27.90 (1.100)	10.80 (0.425)	11.65 (0.460)	13.35 (0.525)	11.65 (0.460)	5.70 (0.225)	10.80 (0.425)	9.50 (0.375)
ST63-8-W1-22-9-120	A	ST638R	27.90 (1.100)	13.35 (0.525)	13.84 (0.545)	13.35 (0.525)	13.84 (0.545)	8.90 (0.350)	13.35 (0.525)	9.50 (0.375)

### 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.
- PRE-INSTALLED LEAD: RAYCHEM RCW5991-22-9, stranded silver-plated copper in accordance with MIL-W-22759/91. Color: white

### APPLICATION

- 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.
- Temperature range: -55°C to +150°C.
- When installed in accordance with Raychem Process Standard RCPS-100-70 assemblies will meet performance requirements of Raychem Specification RT-1404.
- For best results, prepare the cable as shown:



		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.				TITLE: <b>SOLDERSLEEVE DEVICE SHIELD                  TERMINATION WITH PRE-INSTALLED LEAD</b>						
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: <b>ST63-X-W1-22-9-120</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.: <b>A</b>		DOC. ISSUE: <b>1</b>		DATE: <b>07-Nov-05</b>		
PREPARED BY: mforonda		DCR NUMBER: D050471		REPLACES: ---		CAGE CODE : 06090		SCALE: ---		SIZE: A		SHEET: 1 of 1