## SPECIFICATION CONTROL DRAWING



Product Revision		Product Dimensions				Cable Dimensions				Otv
Product		øA	øB	С	L	øD	øE	øG	т	Qty: Item 2
Name		min	min	min	max	max	min	max	J	Item 2
B-155-03-100-22-5	Α	2.50	3.00	8.50	25.0	3.00	1.50	2.50	8.00±0.50	1
		[0.098]	[0.118]	[0.335]	[0.984]	[0.118]	[0.059]	[0.098]	[0.315±0.020]	
B-155-05-100-22-5	А	4.3	4.8	9.50	30.00	4.8	2.00	4.30	8.00±0.50	1
		[0169]	[0.189]	[0.374]	[1.181]	[0.189]	[0.079]	[0.169]	[0.315±0.020]	
B-155-06-100-22-5	А	6.0	6.70	11.50	33.00	6.70	3.30	6.0	$11.00 \pm 1.00$	1
		[0.236]	[0.264]	[0.453]	[1.300]	[0.264]	[0.130]	[0.236]	[0.433±0.040]	
B-155-07-100-22-5	А	6.80	7.30	11.50	33.00	7.30	3.30	6.80	$11.00 \pm 1.00$	1
		[0.270]	[0.287]	[0.453]	[1.300]	[0.287]	[0.130]	[0.270]	[0.433±0.040]	
B-155-09-100-22-5	А	8.50	9.00	12.5	36.00	8.50	4.50	8.00	$11.00 \pm 1.00$	2
		[0.335]	[0.354]	[0.492]	[1.420]	[0.335]	[0.177]	[0.315]	[0.433±0.040]	

## MATERIALS

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

2. SOLDER PREFORM WITH FLUX. Qty: see table (one solder washer shown).

SOLDER: TYPE Sn42Bi58 per ANSI / J-STD-006.

FLUX: TYPE ROM1 per ANSI / J-STD-004.

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

4. GROUND LEAD: Raychem Zerohal 100G0111-22-5 (AWG22) wire, stranded tin-plated copper. Color: green.

## APPLICATION

1. These controlled soldering devices are designed for termination of a bare or tin-plated copper shield on a cable having an

insulation rated for at least +85°C, and meeting the dimensional criteria listed in the table above.

2. Temperature range: -55°C to +125°C.

3. When installed properly, it will meet the performance requirements of Tyco Electronics / Raychem Specification RT-1404.

4. For installation procedure and application equipment consult Tyco Electronics / Raychem RPIP 688-01.

For best results, prepare the cable as shown:	ØD MAX	ØG MAX
	ØE MIN —	

300 Const			tronics Corporation titution Drive, rk, CA. 94025, U.S.A.			TITLE: SOLDERSLEEVE SHIELD TERMINATOR, LOW-FIRE-HAZARD WITH PRE-INSTALLED LEAD				
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]					DOCUMENT NO.: B-155-XX-100-22-5					
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		LES: N/A GHNESS IN CON	this drawing at an	yco Electronics reserves the right to amend is drawing at any time. Users should valuate the suitability of the product for their oplication.		PROD. REV.: SEE TABLE	DOC. ISSUE: 1	DATE: 12-Jul-05		
PREPARED BY: mforonda			REPLA	ACES:	CAGE CODE : 06090	SCALE:	SIZE: A	SHEET: 1 of 1		

© 2005 Tyco Electronics Corporation. All rights reserved.

If this document is printed it becomes uncontrolled. Check for the latest revision.