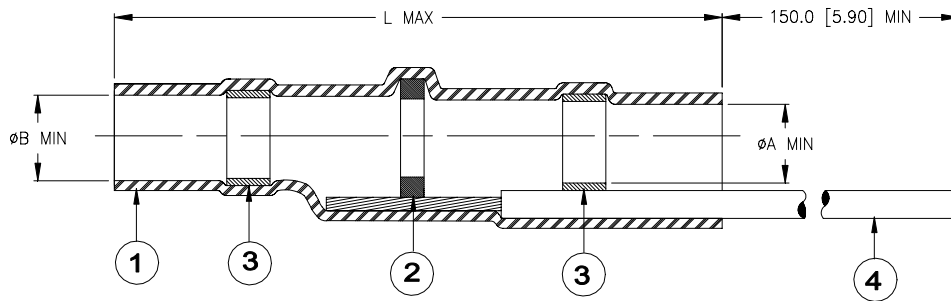


## SPECIFICATION CONTROL DRAWING



<sup>1</sup> Product Revision	Product Dimensions			Cable Dimensions					Qty: Item 2	
	<sup>2</sup> Product Name	øA min	øB min	L max	øD max	øE min	øF min	øG max		J
B-155-03-55-GA-CL	---	2.50 [0.098]	3.00 [0.118]	24.50 [0.965]	3.00 [0.118]	1.50 [0.059]	1.00 [0.040]	2.50 [0.098]	7.00±0.50 [0.276±0.020]	2
B-155-05-55-GA-CL	---	4.30 [0.169]	5.10 [0.200]	36.00 [1.417]	5.10 [0.200]	2.10 [0.083]	1.20 [0.047]	4.30 [0.169]	11.00±1.00 [0.433±0.040]	1
B-155-07-55-GA-CL	---	6.80 [0.270]	7.30 [0.287]	42.00 [1.654]	7.30 [0.287]	3.40 [0.134]	2.50 [0.098]	6.80 [0.270]	11.00±1.00 [0.433±0.040]	1
B-155-11-55-GA-CL	---	9.00 [0.355]	11.00 [0.430]	37.50 [1.470]	11.50 [0.453]	4.60 [0.180]	4.40 [0.175]	9.00 [0.355]	13.00±1.00 [0.512±0.040]	2
B-155-17-55-GA-CL	---	17.00 [0.670]	19.00 [0.750]	56.00 [2.200]	19.00 [0.750]	9.00 [0.355]	8.00 [0.315]	17.00 [0.670]	19.00±1.00 [0.750±0.040]	2

<sup>1</sup>Consult Tyco Electronics for individual product revision. Contains more than 1 part name.

### MATERIALS

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

2. SOLDER PREFORMS 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.

4. GROUND LEAD: Tyco Electronics/Raychem 55A0111-GA-CL in accordance with MIL-W-22759/32 AWG "GA" stranded tin-plated copper wire.

<sup>2</sup>Part no. callout shall be replaced with;

GA = wire size "AWG"

CL = Lead color designation per MIL-STD-681.

### APPLICATION

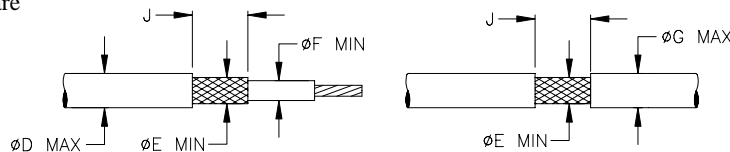
1. These controlled soldering devices are designed to provide an environment protected shield termination on cables rated for at least +85°C, meeting the dimensional criteria listed in the table above, and having a bare or tin-plated copper shields.

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

3. When installed properly, these devices will meet the 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:



<b>tyco</b> Electronics		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>		TITLE: <b>SOLDERSLEEVE DEVICE WITH PRE-INSTALLED LEAD</b>					
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: <b>B-155-XX-55-GA-CL</b>					
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A		ANGLES: N/A		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: 1		DATE: 12-Jul-05	
PREPARED BY: mforonda		DCR NUMBER: D050252				REPLACES: ---		CAGE CODE: 06090		SCALE: ---	
										SHEET: 1 of 1	

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