

Product	Product Dimensions				Cable Dimensions				
Name	øΑ	øΒ	C	L	øD	øΕ	øG	H±0.5	J±0.5
	min	min	min	max	max	min	max	(H±0.020)	(J±0.020)
B-152-03-S	2.5	3.0	8.0	18.5	3.0	1.5	2.5	6.0	7.0
	(0.098)	(0.118)	(0.315)	(0.728)	(0.118)	(0.060)	(0.098)	(0.236)	(0.276)
B-152-05-S	4.3	4.8	8.0	18.5	4.8	2.0	4.3	6.0	7.0
	(0.169)	(0.189)	(0.315)	(0.728)	(0.189)	(0.079)	(0.169)	(0.236)	(0.276)
B-152-06-S	6.0	6.7	10.0	21.0	6.7	3.3	6.0	8.0	9.0
	(0.236)	(0.264)	(0.394)	(0.827)	(0.264)	(0.130)	(0.236)	(0.315)	(0.354)
B-152-07-S	6.8	7.3	10.0	21.0	7.3	3.3	6.8	8.0	9.0
	(0.267)	(0.287)	(0.394)	(0.827)	(0.287)	(0.130)	(0.267)	(0.315)	(0.354)
B-152-09-S	8.7	9.2	10.0	28.5	9.2	4.5	8.7	8.0	9.0
	(0.343)	(0.362)	(0.394)	(1.102)	(0.362)	(0.177)	(0.343)	(0.315)	(0.354)
B-152-11-S	10.8	11.5	10.0	28.5	11.5	4.5	10.8	8.0	9.0
	(0.425)	(0.452)	(0.394)	(1.102)	(0.452)	(0.177)	(0.425)	(0.315)	(0.354)

## **MATERIALS**

- 1. INSULATION SLEEVE: Heat-shrinkable, radiation cross-linked modified polyolefin. Transparent clear. Marked "B-152".
- 2. SOLDER PREFORM WITH FLUX:

SOLDER: TYPE Bi14 (Sn43PB43Bi14) per ANSI/J-STD-006.

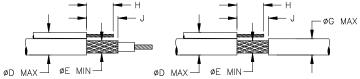
FLUX: TYPE ROM1 per ANSI/J-STD-004.

- 3. MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: blue.
- 4. MELTABLE SEALING RING: Thermally stabilized thermoplastic. Color: blue; transparent gray (size 6).

## **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, meeting the dimensional criteria listed in the table above.
- 2. Temperature range: -55°C to +125°C.
- 3. Parts will meet the requirements of Raychem Specification RT-1404 when installed properly.
- 4. For installation procedure and application equipment consult Tyco Electronics/Raychem document RCPS-B152.

For best results, prepare the cable as shown:



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<u> </u>			Raychem	1	SOLDERSLEEVE SHIELD TERMINATOR				
Unless otherwise specified dimensions are in millimeters. (Inches dimensions are shown in brackets)				DOCUMENT NO.:  B-152-XX-S					
TOLERANCES: 0.00 N/A 0.0 N/A 0 N/A	ANGLES: N ROUGHNES MICRON		TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.		Rev	vision:	Issue Date : April 2020		
PREPARED BY: mforonda			DATE: 25-Apr-03	ECO: ECO	-20-004961	SCALE: None	SIZE:	SHEET: 1 of 1	

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