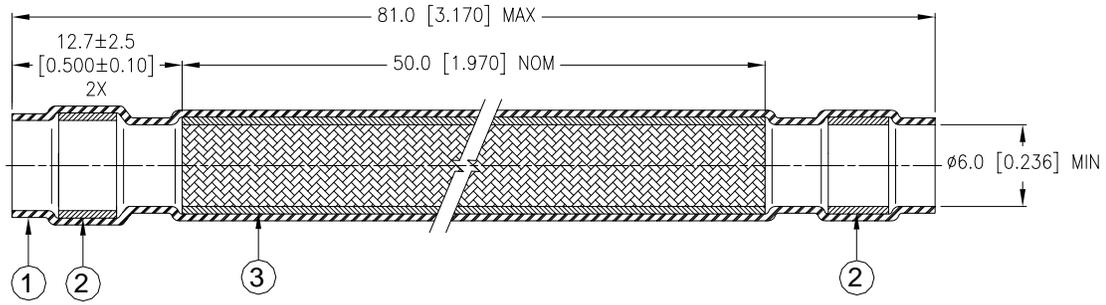
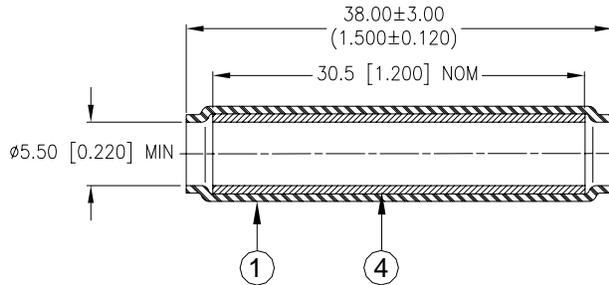


SPECIFICATION CONTROL DRAWING

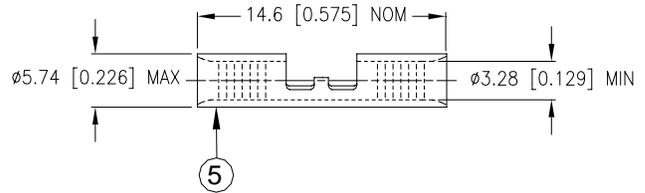


SOLDERSHIELD SPLICE

Size Range: Shield Diameter = 5.49 to 3.48 [0.216 to 0.137]
Jacket Diameter = 6.04 to 3.00 [0.236 to 0.118]



SEALING SLEEVE



CRIMP SPLICE

MATERIALS

1. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
2. SEALING RINGS: Fluorocarbon-based thermoplastic.
3. SHIELD: Solder impregnated, flux coated copper braid.
SOLDER: TYPE Sn63 per ANSI / J-STD-006.
FLUX: TYPE ROM1 per ANSI / J-STD-004.
4. SEALING SLEEVE: Carbon-based thermoplastic liner.
5. CRIMP SPLICE: Base Metal: Copper alloy per ASTM B-152, Annealed.
Plating: Tin-plated per ASTM-B545.
Wire Size Range: 2.62 – 6.64 mm² [5,180 – 13,100 CMA] 12 –10 AWG, Solid or Stranded.

APPLICATION

1. This controlled soldering device is designed to splice the conductors and the braid, both made of tin or silver-plated copper, of coaxial cables having an insulation rated for at least +125°C.
2. Temperature range: -55°C to +150°C.
3. Use AMP crimp tool 49935 (or equivalent tool) to install crimp barrel. Soldershield splice and sealing sleeve may be installed with convection heaters.

tyco <i>Electronics</i>		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>		TITLE: SHIELDED CABLE SPLICE KIT	
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]				DOCUMENT NO.: D-150-0272			
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.			
PREPARED BY: mforonda		DCR NUMBER: D050450		REPLACES: D020110		CAGE CODE : 06090	
				SCALE: ---		DATE: 10-Oct-05	
				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.