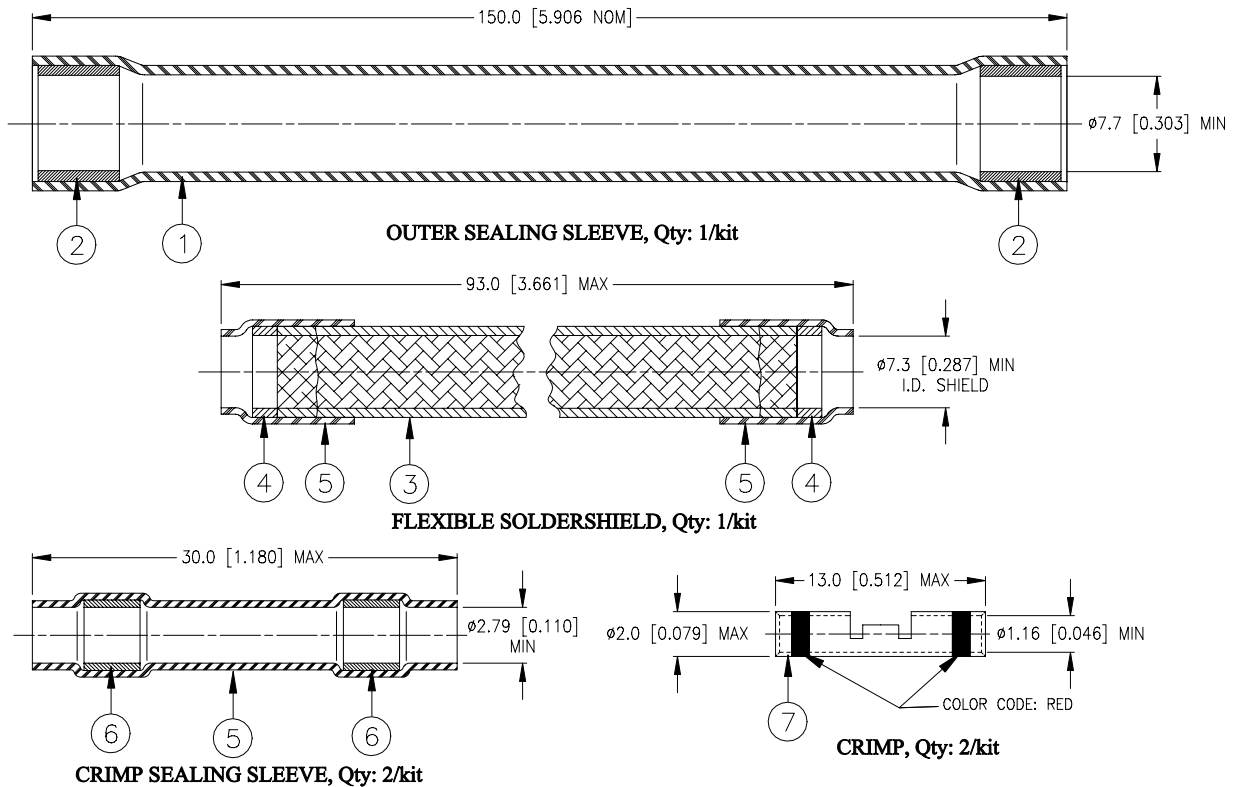


SPECIFICATION CONTROL DRAWING



MATERIALS

1. SEALING SLEEVE: High temperature fluid stabilized cross-linked elastomer according to Specification RK-6008.
2. MELTABLE RINGS: Modified stabilized elastomer-fluoropolymer thermoplastic.
3. BRAID: Tin-plated copper wire braid, fluxed and tinned at both ends.
SOLDER: TYPE Sn96 per ANSI/J-STD-006.
FLUX: TYPE ROM1 per ANSI/J-STD-004.
4. SOLDER PREFORM WITH FLUX:
SOLDER: TYPE Sn63 per ANSI/J-STD-006.
FLUX: TYPE ROM1 per ANSI/J-STD-004.
5. INSULATION SLEEVE: Heat-shrinkable, transparent blue, radiation cross-linked modified polyvinylidene fluoride.
6. MELTABLE RINGS: Fluorocarbon-based thermoplastic.
7. CRIMP SPLICE: Nickel-plated copper alloy. Color code: red
BASE METAL: Copper Alloy 101 or 102 per ASTM B-75.
PLATING: Ductile Nickel per SAE-AMS -QQ-N-290.

APPLICATION

1. This flexible cable joint is designed to splice shielded twisted pair cables together (1:1, 2:1 or 2:2) in an aircraft environment.
2. It should be used where continuous flexing is not a functional requirement.
3. Cables to be joined, Raychem 2524E0524-9.
4. For installation procedure and tooling, see RPIP-700-00.
5. Temperature range: -65°C to +150°C.
6. For application other than above, consult Raychem technical services.

tyco <i>Electronics</i>		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>		TITLE: RAYCHEM FLEXIBLE,BUS CABLE JOINT, 1 TO 2 TWISTED PAIR									
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]						DOCUMENT NO.: B-500-600-00									
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.		DOC. ISSUE: 3		DATE: 1-Feb-05							
DRAWN BY: M. FORONDA		CAGE CODE: 06090		REPLACES: D040293		DCR NUMBER: D050037		PROD. REV.: A		SCALE: ---		SIZE: A		SHEET: 1 of 1	

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