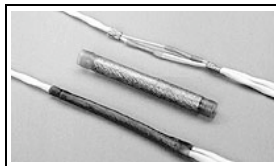


## D-150-0179 Product Details



**D-150-0179**

### SolderShield Cable Splices

Not EU RoHS or ELV Compliant

#### Product Highlights:

- Splice
- Splice Type = SolderShield
- Cable Type = Multi-conductor
- Number of Conductors = Four-conductor cable, Three-conductor cable
- Wire Range = 0.30-0.60<sup>2</sup> [22-20] mm [AWG]

TE Internal Number: 193495-000



Active

### Documentation & Additional Information

#### Product Drawings:

- [1 to 1 Splices-Crimp SolderShield Splice Kit, Shield...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

#### Additional Product Images:

- [Product View](#)

#### Related Products:

- [Tooling](#)

### Product Features (Please use the Product Drawing for all design activity)

#### Product Type Features:

- Product Type = Splice
- Splice Type = SolderShield
- [Cable Type](#) = Multi-conductor

#### Termination Features:

- Connection Type = Crimp, Solder

#### Body Features:

- Wire Range (mm [AWG]) = 0.30-0.60<sup>2</sup> [22-20]
- Conductor Plating = Tin/Silver
- Jacket Outer Diameter (mm [in]) = 5.00 [0.197]

#### Configuration Features:

- Number of Conductors = Four-conductor cable, Three-conductor cable

#### Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process

#### Environmental:

- Operating Temperature (Max.) (°C) = 150

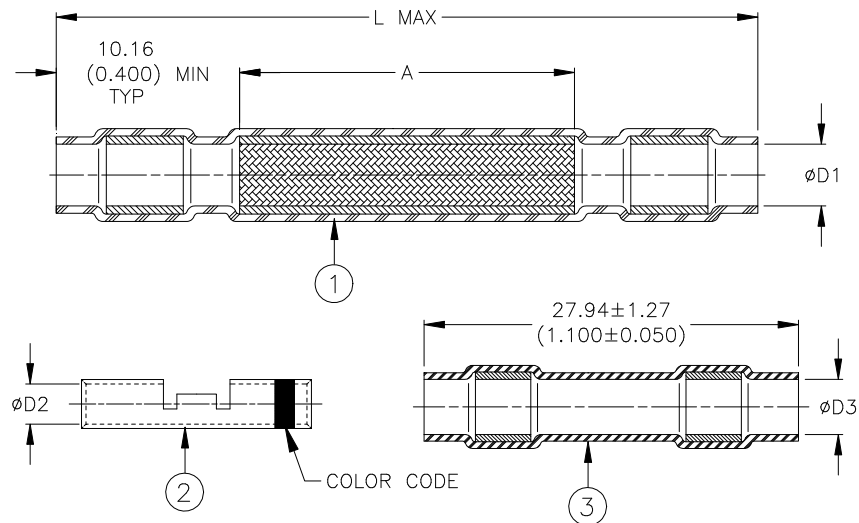
#### Operation/Application:

- Application Type = Cable to Cable Splicing

#### Other:

- Brand = Raychem

## CUSTOMER DRAWING



Part Names	Primary No.	AWG Range	Color Code	Product Dimensions				
				L Max	A±2.54 (0.100)	ØD1 Min	ØD2 Min	ØD3 Min
D-150-0168	1	26-20	Red	80.52 (3.170)	50.30 (1.970)	3.00 (0.118)	1.14 (0.045)	2.79 (0.110)
D-150-0169	1	20-16	Blue	80.52 (3.170)	50.30 (1.970)	4.00 (0.157)	1.63 (0.064)	4.00 (0.157)
D-150-0170	1	16-12	Yellow	80.52 (3.170)	50.30 (1.970)	5.00 (0.197)	2.46 (0.097)	4.32 (0.170)
D-150-0174	2	26-20	Red	105.92 (4.170)	74.93 (2.950)	4.00 (0.157)	1.14 (0.045)	2.16 (0.085)
D-150-0175	2	18-16	Blue	105.92 (4.170)	74.93 (2.950)	5.00 (0.197)	1.63 (0.064)	2.79 (0.110)
D-150-0176	2	14	Yellow	105.92 (4.170)	74.93 (2.950)	6.00 (0.236)	2.46 (0.097)	4.32 (0.170)
D-150-0177	2	12	Yellow	105.92 (4.170)	74.93 (2.950)	9.04 (0.356)	2.46 (0.097)	4.32 (0.170)
D-150-0178	3/4	26-20	Red	105.92 (4.170)	74.93 (2.950)	4.00 (0.157)	1.14 (0.045)	2.16 (0.085)
D-150-0179	3/4	22-20	Red	105.92 (4.170)	74.93 (2.950)	5.00 (0.197)	1.14 (0.045)	2.16 (0.085)
D-150-0180	3/4	18-16	Blue	105.92 (4.170)	74.93 (2.950)	6.00 (0.236)	1.63 (0.064)	2.79 (0.110)
D-150-0181	3/4	14-12	Yellow	105.92 (4.170)	74.93 (2.950)	9.04 (0.356)	2.46 (0.097)	4.32 (0.170)

### MATERIALS

- SOLDERSHIELD SPLICE SLEEVE:** Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride sleeve, containing two environment resistant sealing rings and a solder impregnated, flux-coated copper-wire braid.  
Color: Transparent blue.  
SOLDER: TYPE Sn63 per ANSI J-STD-006.  
FLUX: TYPE ROM1 per ANSI J-STD-004.
- CRIMP SPLICE (1, 2, OR 4 PER KIT):** Tin-plated copper alloy with color code stripe.
- SEALING SPLICE SLEEVE (1, 2, OR 4 PER KIT):** Heat-shrinkable, radiation cross-linked modified polyvinylidene fluoride sleeve, containing two environment resistant sealing rings. Transparent blue.

### APPLICATION

- These kits are designed to make an environment-resistant, 1 to 1 in-line splice in shielded single, twisted pair, trio and quad cables having tin or silver-plated conductors and insulations rated for 135°C minimum.
- Temperature rating: -55°C to +150°C.
- For installation procedures refer to the applicable sections of TE Connectivity Process Standard RCPS 150-02.

			<b>TITLE:</b> <b>(1 TO 1 SPLICES-CRIMP)</b> <b>SOLDERSHIELD SPLICE KIT,</b> <b>SHIELDED CABLE</b>		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets] DIMENSIONING AND TOLERANCING PER ASME Y14.5-2009		Raychem Devices		<b>DOCUMENT NO.:</b> <b>D-150-0168-0170/0174-0181</b>	
<b>TOLERANCES:</b> 0.00 N/A 0.0 N/A 0 N/A	<b>ANGLES:</b> N/A  <b>ROUGHNESS</b> 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.		<b>REV:</b> K	<b>DATE:</b> June 20, 2013
<b>PREPARED BY:</b> RODRIGUEZ	<b>CAGE CODE:</b> 06090	<b>ECO NUMBER:</b> ECO-13-010150	<b>SCALE:</b> NTS	<b>SIZE:</b> A	<b>SHEET:</b> 1 of 1

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