



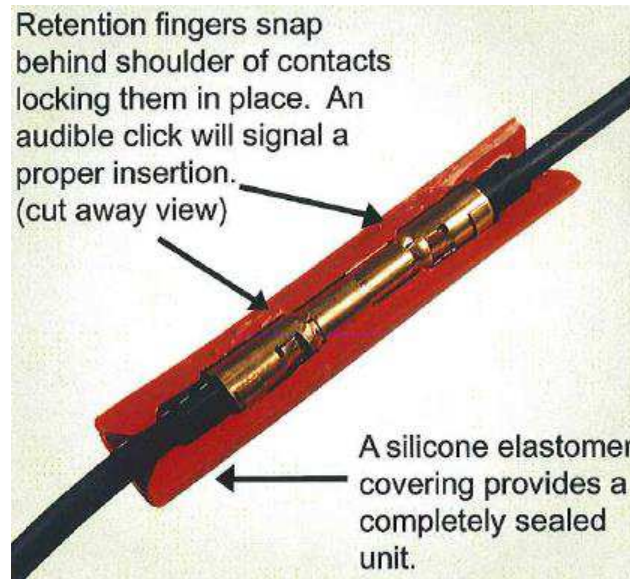
NOTE

All numerical values are in metric units [with U.S. customary units in brackets]. Dimensions are in inches [millimeters]. Unless otherwise specified, dimensions have a tolerance of ± 0.005 [± 0.013] and angles have a tolerance of $\pm 2^\circ$. Figures and illustrations are for identification only and are not drawn to scale.

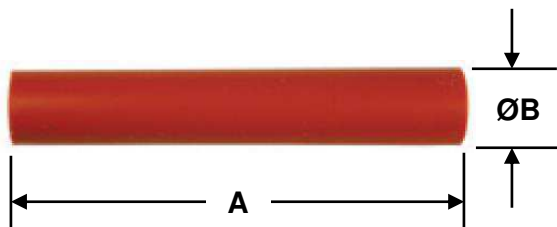
1. INTRODUCTION

This specification covers the requirements for application of DEUTSCH Jiffy Splice System. The system features a single contact arrangement which accepts DEUTSCH size 12 and 16 solid (machined) or stamped & formed contacts.

The Jiffy Splice is a unique, field-serviceable alternative to permanent splice or single pole termination. Made from the same high quality silicone elastomer as DEUTSCH connector seals and rear grommets. The silicone body houses a contact retention system that secures a mated pair of contacts in a compact environmentally sealed unit. Jiffy Splice are easy to install and service.



1.1. Product Dimensions



Contact Size	A	B
12	2.500 [63.50]	.500 [12.70]
16	2.465 [62.61]	.385 [9.78]

2. REFERENCE MATERIAL

2.1. Revision Summary

See section 5.

2.2. Customer Assistance

Reference Product Base Part Numbers JS-XX-00 (XX = 12, 16) Product Code J821 are representative of DEUTSCH Jiffy Splice system. Use of these numbers will identify the product line and help you to obtain product and tooling information when visiting www.te.com or calling the number at the bottom of page 1.

2.3. Drawings

Customer drawings for product part numbers are available from www.te.com. Information contained in the customer drawing takes priority. XX refers to contact size 12 or 16.

Product Drawing	Description
JS-XX-XX	Jiffy Splice

2.4. Specifications

108-151000	DEUTSCH S&F Contact Product Specification
108-151004	DEUTSCH Solid Contact Product Specification
108-151041	DEUTSCH Jiffy Splice Product Specification
114-151000	DEUTSCH Size 16 S&F Pin and Socket Application Specification
114-151001	DEUTSCH Size 16 S&F Pin and Socket Application Specification
114-151002	DEUTSCH Size 12 S&F Pin and Socket Application Specification
114-151004	DEUTSCH Size 4-20 Solid Pin and Socket Application Specification
114-151006	DEUTSCH Size 12 S&F Pin and Socket Application Specification

2.5. Instructional Material

Instruction sheets (408-series) provide product assembly instructions or tooling setup, and operation procedures and customer manuals (409-series) provide machine setup and operating procedures. Instructional material that pertain to this product are:

[408-151007](#) DEUTSCH Extraction Tools for Rear-Release Connectors

3. REQUIREMENTS

3.1. Safety

Do not stack product shipping containers so high that the containers buckle or deform.

3.2. Storage

A. Ultraviolet Light

Prolonged exposure to ultraviolet light may deteriorate the chemical composition used in the product material.

B. Shelf Life

The product should remain in the shipping containers until ready for use to prevent deformation to components. The product should be used on a first in, first out basis to avoid storage deterioration could adversely affect performance.

C. Chemical Exposure

Do not store product near any chemical listed below as they may cause stress corrosion cracking in the material.

Alkalis	Ammonia	Citrates	Phosphates	Sulfur Compounds
Acids	Amines	Carbonates	Nitrites	Sulfur Nitrites
				Tartrates



NOTE:

1) Resistance depends on chemical concentration, temperature, and exposure medium.

3.3. Characteristics

A. Part Numbering System

JS-XX-00. Where XX is contact size 12 or 16

B. Materials

Body:	VMQ (red-orange)
Contact Retainer:	Copper Alloy, Unplated

C. Sealing Range

Contact Size	Conductor Range	Insulation OD in [mm]
12	10-14 AWG [5.0-2.0 mm ²]	.134-.170 [3.40-4.32]
16	22-12 AWG [0.35-2.5 mm ²]	.100-.134 [2.54-3.40]

3.4. Contact Insertion

1. The crimped contact must meet these specifications:

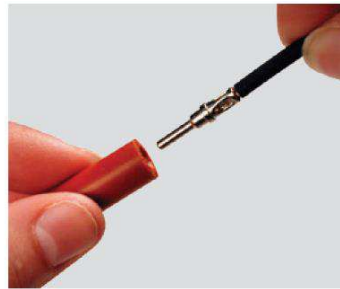
- 114-151000 DEUTSCH Size 16 S&F Pin and Socket Application Specification
- 114-151001 DEUTSCH Size 16 S&F Pin and Socket Application Specification
- 114-151002 DEUTSCH Size 12 S&F Pin and Socket Application Specification
- 114-151004 DEUTSCH Size 4-20 Solid Pin and Socket Application Specification
- 114-151006 DEUTSCH Size 12 S&F Pin and Socket Application Specification

2. Grasp crimped contact approximately 1.0 [25.4] behind the contact crimp barrel.
3. Hold the Jiffy Splice between thumb and forefinger approximately 0.50 [12.7] behind the cavity.
4. Push the contact straight into the Jiffy Splice until a positive stop is felt. An audible “click” will occur when correctly mated. A slight tug on wire will confirm the contact is properly locked in place.

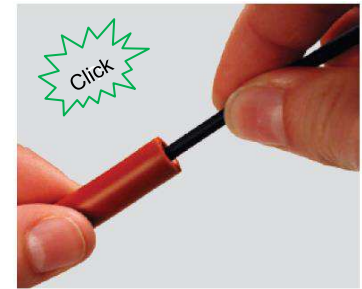
Step 2



Step 3



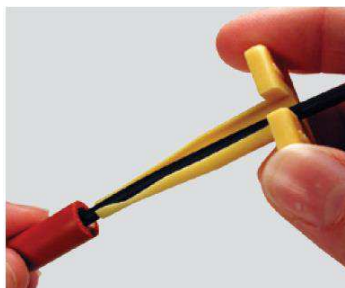
Step 4



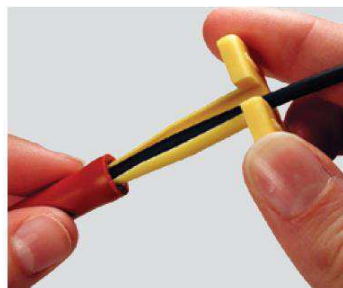
3.5. Contact Removal

1. Align the tool tip with the cavity. Place the wire over the tool wire entry slot and apply light pressure on the wire until it enters/snap in the wire entry slot.
2. Slide the tool along the wire and into the Jiffy Splice until the tip engages the contact and resistance is felt.
3. Gently pull the tool with the wire until the contact is removed.

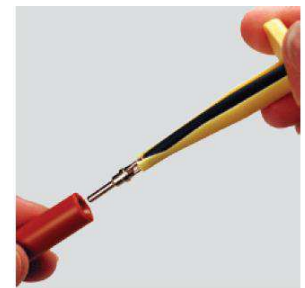
Step 1



Step 2



Step 3



CAUTION:

Do not twist or insert the extraction tool at an angle; otherwise, damage to the cavity retention finger(s) may result.

4. VISUAL AID

Below shows a typical application of the Jiffy Splice. This illustration should be used by production personnel to ensure a correctly applied product. Applications which DO NOT appear correct should be inspected using the information in the preceding pages of this specification and in the instruction, material shipped with the product or tooling.



5. REVISION HISTORY

Rev	Brief Description of Change	Date	Dwn	Apvd
A	Initial Release	12/13/2019	DM	DM