

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [0191540044](#)  
**Status:** **Active**  
**Description:** Step Down Butt Splice for 8-12 AWG Wire Red w/Yellow Strip

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification \(PDF\)](#)

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR18689 |
| UL  | E32244  |

**General**

|                         |                                                 |
|-------------------------|-------------------------------------------------|
| Product Family          | Splices                                         |
| Series                  | <a href="#">19154</a>                           |
| Comments                | Step down: 8 to 10/12 AWG . Red w/Yellow Stripe |
| Crimp Quality Equipment | Yes                                             |
| Mil-Spec                | N/A                                             |
| Product Name            | Butt - Step Down                                |

**Physical**

|                               |                    |
|-------------------------------|--------------------|
| Barrel Type                   | Closed - Brazed    |
| Color - Resin                 | Red                |
| Flammability                  | 94V-0              |
| Insulation                    | PVC                |
| Material - Resin              | PVC                |
| Packaging Type                | Bag                |
| Temperature Range - Operating | -40°C to +105°C    |
| Wire Insulation Diameter      | 9.65mm (.380") max |
| Wire Size AWG                 | 10, 12, 8          |

**Electrical**

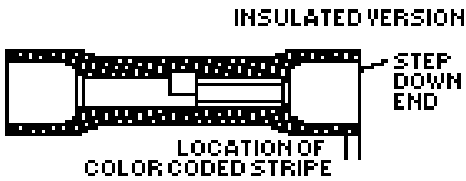
|                   |      |
|-------------------|------|
| Voltage - Maximum | 600V |
|-------------------|------|

**Material Info**

|                 |         |
|-----------------|---------|
| Old Part Number | DC-654X |
|-----------------|---------|

**Reference - Drawing Numbers**

|               |         |
|---------------|---------|
| Sales Drawing | CD21001 |
|---------------|---------|



Series

image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free**  
**Status**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[19154Series](#)

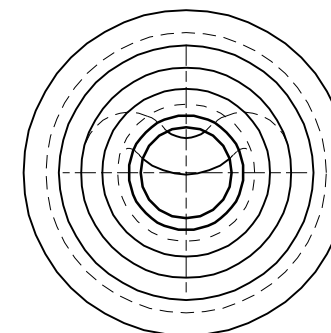
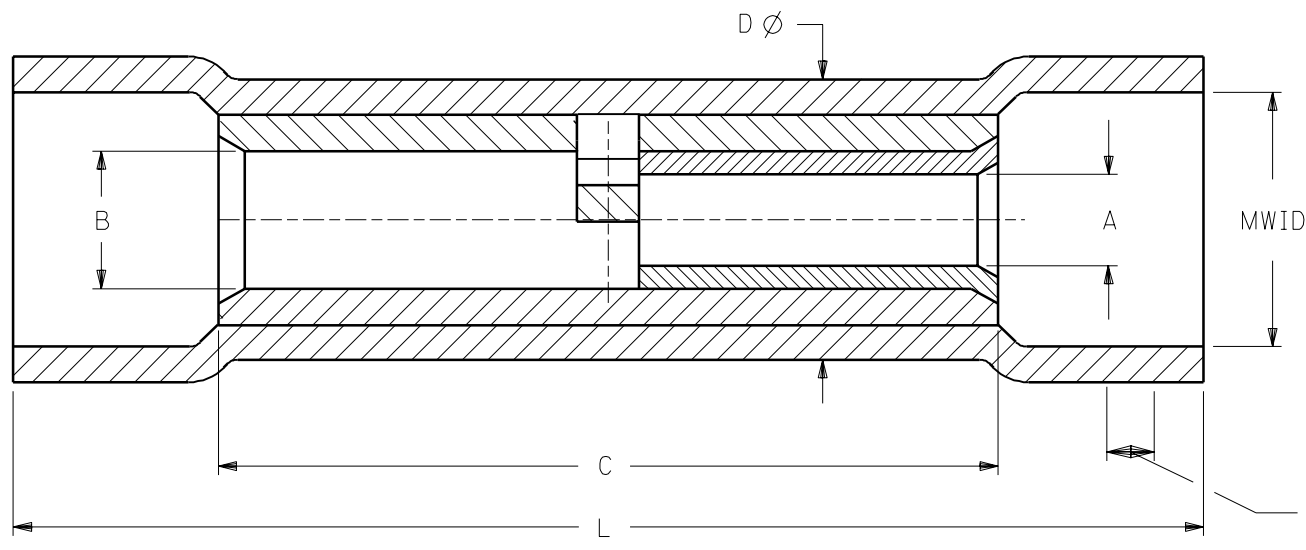
**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description                                         | Product #                  |
|-----------------------------------------------------|----------------------------|
| Manual Putt Pump Hydraulic System, Die set required | <a href="#">0192860117</a> |
| Die Set (large) for the HHLS Hydraulic Crimper      | <a href="#">0192890001</a> |
| Putt Pump Dieless Head System                       | <a href="#">0192860065</a> |
| Hand Crimp Tool                                     | <a href="#">0640013900</a> |

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LOCATION OF COLOR  
CODED STRIPE

MATERIAL:  
BUTT SPLICE: COPPER, ELECTRO-TIN PLATED  
INSULATION: PVC

| PART NO. | INSULATION<br>COLOR | CODE STRIPE<br>COLOR | "A"   |           | "B"   |           | "C" MAX. | "D" MAX. | MWID | "L" MAX. |
|----------|---------------------|----------------------|-------|-----------|-------|-----------|----------|----------|------|----------|
|          |                     |                      | AWG.  | MIN. DIA. | AWG.  | MIN. DIA. |          |          |      |          |
| BA-631X  | BLUE                | RED                  | 22-18 | .065      | 16-14 | .091      | .675     | .230     | .175 | 1.08     |
| CB-646X  | YELLOW              | BLUE                 | 16-14 | .091      | 12-10 | .138      | .827     | .295     | .260 | 1.30     |
| DC-654X  | RED                 | YELLOW               | 12-10 | .138      | #8    | .165      | .854     | .360     | .380 | 1.50     |
| ED-662X  | BLUE                | RED                  | #8    | .175      | #6    | .222      | 1.045    | .427     | .435 | 1.84     |

MWID=MAXIMUM WIRE INSULATION DIAMETER

REVISE ONLY ON CAD SYSTEM  
TITLE STEP DOWN BUTT  
CONNECTOR  
INSULKRIMP

CUSTOMER  
DRAWING

DRWG. BY RCM  
CHK'D. BY  
APP'D. BY  
SCALE NO:NE

molex ETC INC.  
PINELLAS PARK, FLA. 34665 U.S.A.  
PART NO.  
FILE NAME  
CD21001

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ADDED MIN I.D. FOR  
DIM. A & B  
RCM 01/16/92  
SHEET NO.  
DATE  
10/28/91  
CD-21001  
DIV.  
SIZE  
A