

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0191540035](#)  
**Status:** **Active**  
**Description:** Step Down Butt Splice for 10-16 AWG Wire Yellow w/Blue Stripe

**Documents:**

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

**Agency Certification**

CSA LR18689  
UL E32244

**General**

Product Family Splices  
Series [19154](#)  
Comments Step down: 10/12 to 14/16 AWG . Yellow w/Blue Stripe  
Crimp Quality Equipment Yes  
Mil-Spec N/A  
Product Name Butt - Step Down

**Physical**

Barrel Type Closed - Brazed  
Color - Resin Yellow  
Flammability 94V-0  
Insulation PVC  
Material - Resin PVC  
Packaging Type Bag  
Temperature Range - Operating -40°C to +105°C  
Wire Insulation Diameter 6.35mm (.250") max  
Wire Size AWG 10, 12, 14, 16

**Electrical**

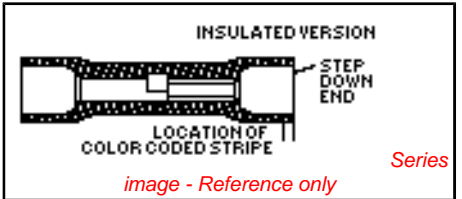
Voltage - Maximum 600V

**Material Info**

Old Part Number CB-646X

**Reference - Drawing Numbers**

Sales Drawing CD21001



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free Status**

**Not Reviewed**

**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.

**China RoHS**



**Search Parts in this Series**

[19154Series](#)

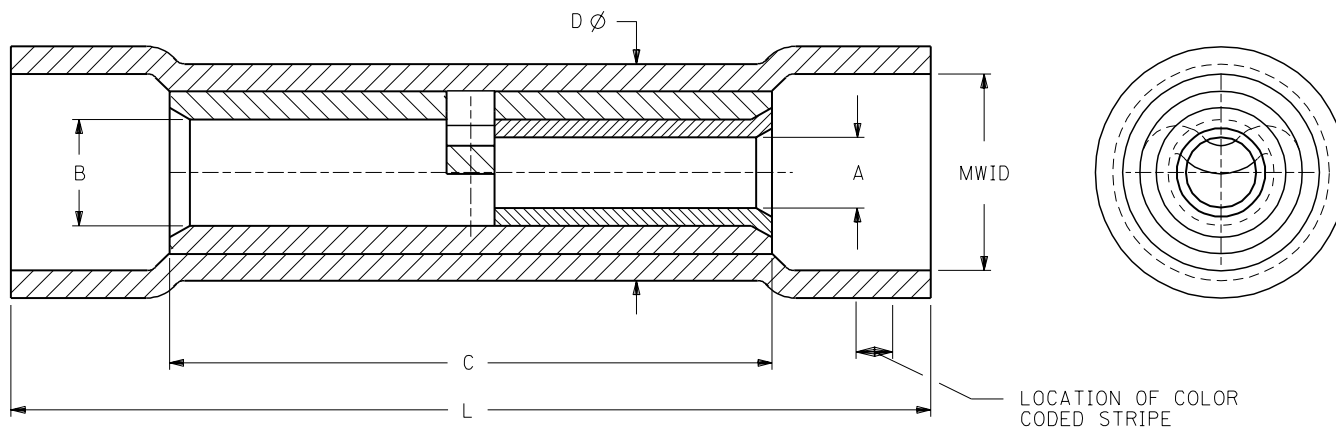
**Application Tooling | FAQ**

*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 #
Hand Crimp Tool	<a href="#">0640010100</a>
Crimp Head for the AT-200™ Pneumatic Hand Tool	<a href="#">0640050100</a>


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

PART NO.	INSULATION COLOR	CODE STRIPE COLOR	"A"		"B"		"C" MAX.	"D" MAX.	MWID	"L" MAX
			AWG.	MIN. DIA.	AWG.	MIN. DIA.				
BA-63IX	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

										A		ADDED MIN I.D. FOR DIM. A & B RCM 01/16/92	
REVISE ONLY ON CAD SYSTEM				CUSTOMER DRAWING		DRWG. BY RCM		 INC. PINELLAS PARK, FLA. 34665 U.S.A.		SHEET NO.		DATE	
TITLE STEP DOWN BUTT CONNECTOR INSULKRIMP						CHK'D BY		PART NO.			DRWG. NO.		
						APP'D BY		CD-21001 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX-ETC INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.			DIV.		SIZE
						SCALE					NO. NE		A
6		5		4		3		2		1			