

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

**Part Number:** [0190580047](#)  
**Status:** **Active**  
**Description:** Avikrimp™ Ring Tongue Terminal for 14-16 Heavy Duty AWG Wire

**Documents:**

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

**Agency Certification**

CSA LR18689  
 UL E32244

**General**

Product Family Ring and Spade Terminals  
 Series [19058](#)  
 Comments Heavy Duty  
 Crimp Quality Equipment Yes  
 Mil-Spec N/A  
 Product Name Avikrimp™  
 Type Ring

**Physical**

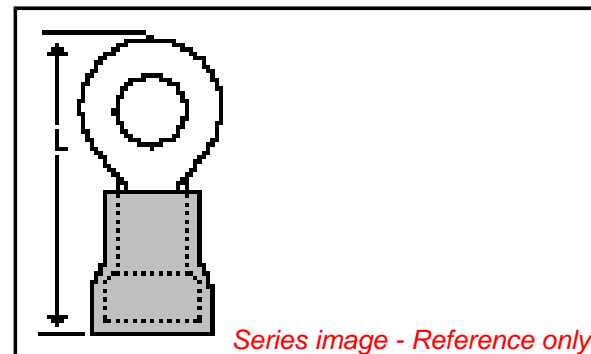
Barrel Type Closed  
 Flammability 94V-2  
 Insulation Nylon (PA)  
 Material - Plating Mating Tin  
 Packaging Type Bag  
 Plating min: Mating (µin) 100  
 Plating min: Mating (µm) 2.5  
 Plating min: Termination (µin) 100  
 Plating min: Termination (µm) 2.5  
 Stud Size 10 (M5)  
 Termination Interface: Style Crimp or Compression  
 Wire Insulation Diameter 5.70mm (.225") max.  
 Wire Size AWG 14, 16  
 Wire Size mm² 1.30 - 2.00

**Material Info**

Old Part Number B-828-10HD

**Reference - Drawing Numbers**

Sales Drawing BHDCD80101



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
 Status**  
**Not Reviewed**

**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**

[19058Series](#)

**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	0640011600

NOTES:

- ① MATERIAL: COPPER (STOCK THK.  $\frac{.050}{.127}$ )
- ② PLATING: ELECTRO TIN (.0003 MIN)
- ③ TIN-PLATED BRASS FUNNEL FERRULE
- ④ NYLON INSULATION (COLOR CODED YELLOW)

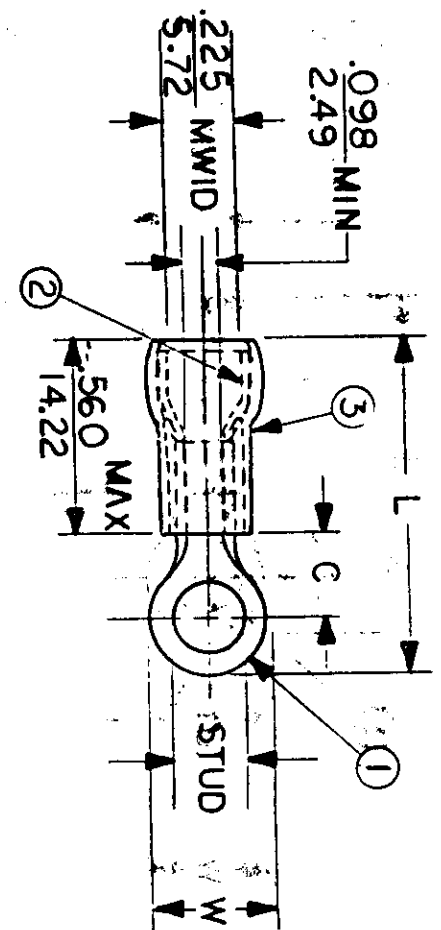
STUD SIZES: (.005)

02 = .094
04 = .119
06 = .146
08 = .173
10 = .198
14 = .265
56 = .328
38 = .390
76 = .453
12 = .515

"UL" LISTING # E32244  
 "CSA" LISTING # 18689

ALL DIMENSIONS =  $\frac{\text{INCHES}}{\text{MM}}$

(MWID) DENOTES MAXIMUM WIRE INSULATION DIAMETER



FILE NO: 801-01

PART NUMBER	"W" T.O.D.	"C" MIN.	"L" MAX.	SCALE: NTS		DATE	TITLE:	DWG. NO.	CUSTOMER DWG.
				DRWN. BY: JJ	CHKD. BY: GZ				
B-801-	$\frac{.750}{19.05}$	$\frac{.611}{15.52}$	$\frac{1.586}{40.28}$				AVAILABLE STUD SIZES		
B-828-	$\frac{.375}{9.53}$	$\frac{.303}{7.70}$	$\frac{1.091}{27.71}$				06HD, 08HD, 10HD		
B-830-	$\frac{.530}{13.46}$	$\frac{.393}{9.98}$	$\frac{1.258}{31.95}$				10HD, 14HD, 56HD		
B-836-	$\frac{.282}{7.16}$	$\frac{.306}{7.77}$	$\frac{1.047}{26.59}$				04HD, 06HD, 08HD		
B-840-	$\frac{.592}{15.04}$	$\frac{.466}{11.84}$	$\frac{1.362}{34.59}$				10HD, 14HD, 56HD, 38HD		
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		REFERENCE		SCALE: NTS		DATE	TITLE:	DWG. NO. A CUSTOMER DWG.	
±		±		±		±	±	±	
±		±		±		±	±	±	



AVIKRIMP 800-SERIES RING TONGUE HEAVY DUTY TERMINAL