

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

**Part Number:** **0190580016**  
**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**

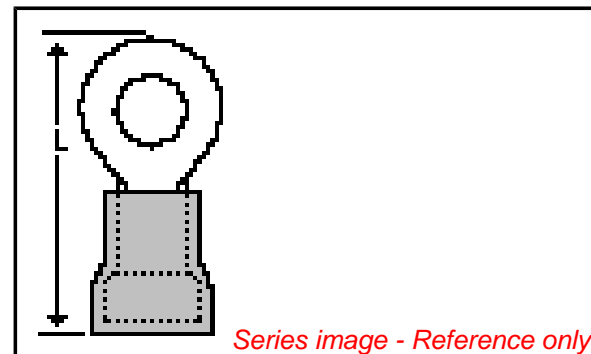
Barrel Type Closed  
 Flammability 94V-2  
 Insulation Nylon (PA)  
 Material - Plating Mating Tin  
 Packaging Type Bag  
 Plating min: Mating (µin) 100  
 Plating min: Mating (µm) 2.5  
 Plating min: Termination (µin) 100  
 Plating min: Termination (µm) 2.5  
 Stud Size 1/2" (M12)  
 Termination Interface: 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-801-12HD

**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)

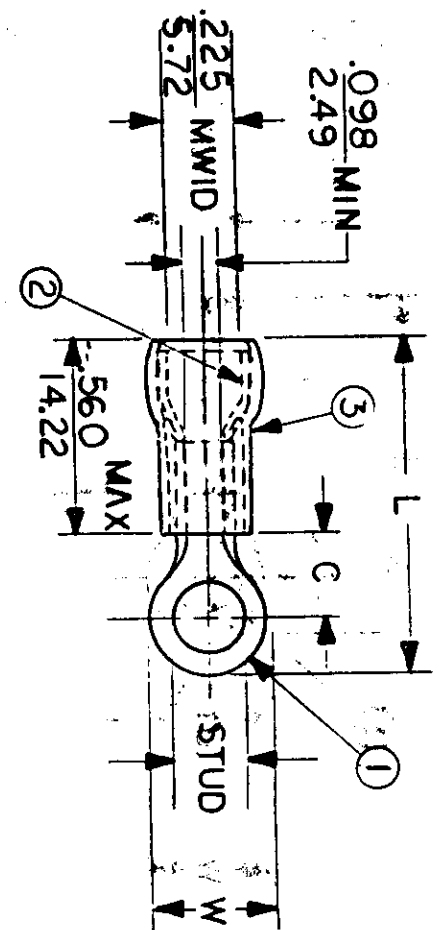
STUD SIZES: (.005)

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 = INCHES

(MWID) DENOTES MAXIMUM WIRE INSULATION DIAMETER



PART NUMBER	"W" T.O.D.	"C" MIN.	"L" MAX.	SCALE: NTS		DATE	TITLE:	DWG. NO.	CUSTOMER DWG.
				REF.	SCALE				
B-801-	.750	.611	1.586	11.29	84	11-29-84	RING TONGUE HEAVY DUTY TERMINAL	A	
B-828-	.375	.303	1.091						
B-830-	.530	.393	1.258						
B-836-	.282	.306	1.047						
B-840-	.592	.466	1.362						
	15.04	11.84	34.59						
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		REFERENCE		SCALE: NTS		DATE	TITLE:	DWG. NO.	CUSTOMER DWG.
±		±		±		11-29-84	RING TONGUE HEAVY DUTY TERMINAL	A	
±		±		±					



FILE NO: 801-01