

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

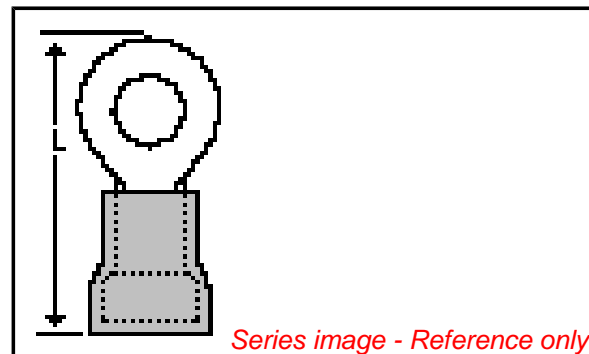
Barrel Type Closed
 Flammability 94V-2
 Insulation Nylon (PA)
 Material - Plating Mating Tin
 Packaging Type Bag
 Plating min: Mating (µin) 100
 Plating min: Mating (µm) 2.5
 Plating min: Termination (µin) 100
 Plating min: Termination (µm) 2.5
 Stud Size 10 (M5)
 Termination Interface: Style Crimp or 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
 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)

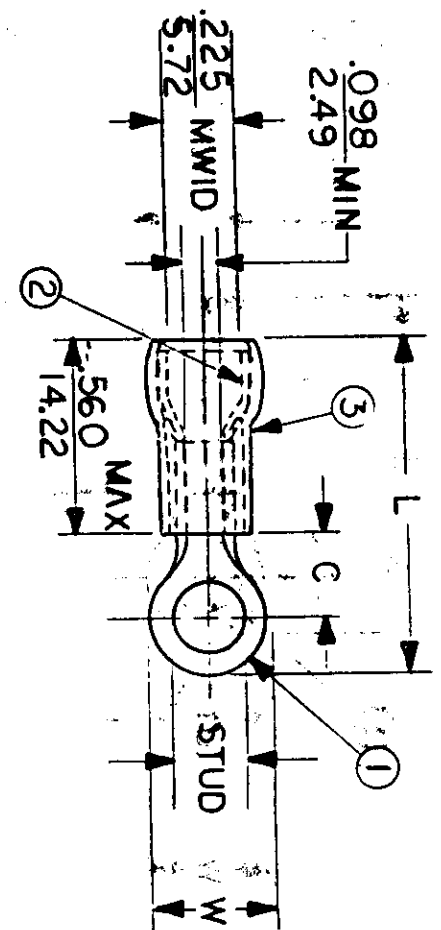
STUD SIZES: (.005)

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	A	
B-828-	$\frac{.375}{9.53}$	$\frac{.303}{7.70}$	$\frac{1.091}{27.71}$				14HD, 56HD, 38HD, 76HD, 12HD	A	
B-830-	$\frac{.530}{13.46}$	$\frac{.393}{9.98}$	$\frac{1.258}{31.95}$				06HD, 08HD, 10HD	A	
B-836-	$\frac{.282}{7.16}$	$\frac{.306}{7.77}$	$\frac{1.047}{26.59}$				10HD, 14HD, 56HD	A	
B-840-	$\frac{.592}{15.04}$	$\frac{.466}{11.84}$	$\frac{1.362}{34.59}$				04HD, 06HD, 08HD	A	
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		REFERENCE	SCALE: NTS	DATE	TITLE:	RING TONGUE HEAVY DUTY TERMINAL AVIKRIMP 800-SERIES			
±	±	±	±	±	±	EIC molex INCORPORATED			
±	±	±	±	±	±	CUSTOMER DWG.			