

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

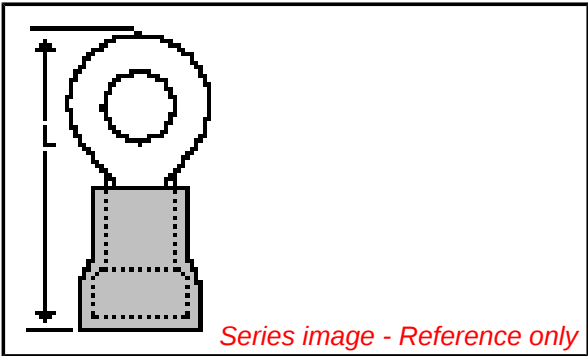
Barrel Type Closed
Flammability 94V-2
Insulation Nylon (PA)
Material - Plating Mating Tin
Packaging Type Bag
Plating min: Mating (µin) 100
Plating min: Mating (µm) 2.5
Plating min: Termination (µin) 100
Plating min: Termination (µm) 2.5
Stud Size 1/2" (M12)
Termination Interface: Style Crimp or Compression
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 BHD80101



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

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NOTES:

- ① MATERIAL: COPPER (STOCK TKN. $\pm .001$)
- ② PLATING: ELECTRO TIN (.0003 MIN)
- ③ TIN-PLATED BRASS FUNNEL FERRULE
- ④ NYLON INSULATION (COLOR CODED YELLOW)

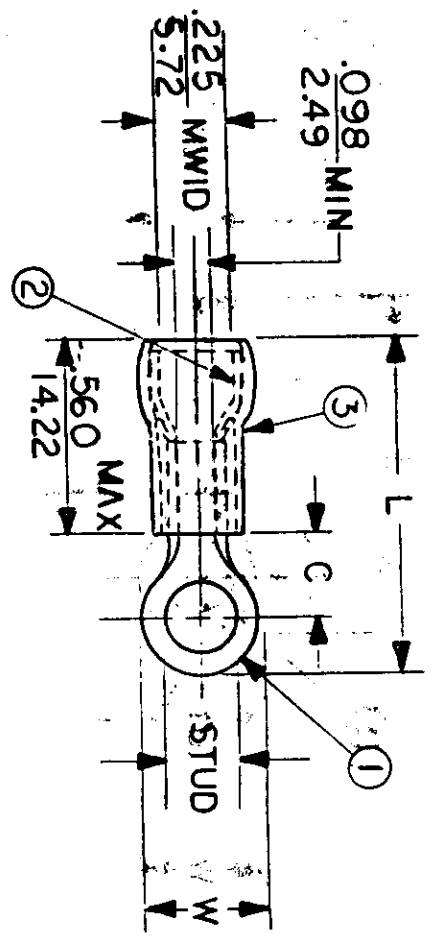
STUD SIZES: (.005)

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

WIRE SIZE: 16-14 AWG
 10-25 MM²



PART NUMBER	"W" T.O.D	"C" MIN.	"L" MAX.	AVAILABLE STUD SIZES
B-801-	$\frac{.750}{19.05}$	$\frac{.611}{15.52}$	$\frac{1.586}{40.28}$	14HD, 56HD, 38HD, 76HD, 12HD
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 DEC. ANG. SCALE: NTS DATE: 11-29-84 CHKD. BY: GZ APPRD. BY:				
TITLE: RING TONGUE HEAVY DUTY TERMINAL AVIKRIMP 800-SERIES				
DWG. NO.	A	CUSTOMER DWG		

FILE NO: 800-HCD-801-01