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Part Number: [0190730181](#)
Status: **Active**
Description: Avikrimp™ Ring Tongue Terminal for 10 to 12 AWG Wire, Stud Size 10, Expanded Flare, Length 31.95mm (1.258")

Documents:

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

Agency Certification

CSA LR18689
 UL E32244

General

Product Family Ring and Spade Terminals
 Series [19073](#)
 Crimp Quality Equipment Yes
 Mil-Spec N/A
 Product Name Avikrimp™
 Type Ring

Physical

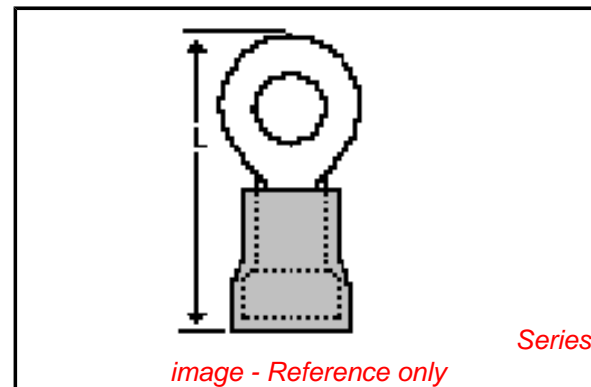
Barrel Type Closed
 Flammability 94V-0
 Insulation Nylon (PA)
 Material - Plating Mating Tin
 Packaging Type Bag
 Plating min: Mating (µin) 100
 Plating min: Mating (µm) 2.5
 Plating min: Termination (µin) 100
 Plating min: Termination (µm) 2.5
 Stud Size 10 (M5)
 Wire Insulation Diameter 6.35mm (.250") max
 Wire Size AWG 10, 12
 Wire Size mm² 4.00 - 6.00

Material Info

Old Part Number C-830-10X

Reference - Drawing Numbers

Sales Drawing CCD80105



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

[19073Series](#)

Application Tooling | [FAQ](#)

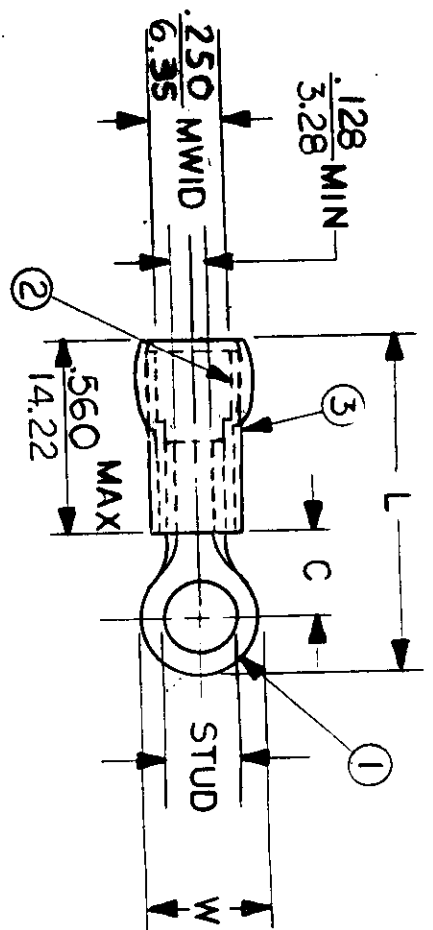
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640011500
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100

NOTES:

- ① MAT'L: COPPER (STOCK TKN. $\frac{.040}{1.02}$)
 - ② PLATING: ELECTRO TIN (.0003 MIN) TIN-PLATED BRASS NON-FUNNEL FERRULE
 - ③ NYLON INSULATION (COLOR CODED YELLOW)
- STUD SIZES: ($\pm .005$)
- | | |
|------------|-----------|
| 02 = .094 | 413 = 413 |
| 04 = .119 | 76 = 453 |
| 06 = .146 | 12 = 515 |
| 08 = .173 | |
| 10 = .198 | |
| 14 = .265 | |
| 56 = .328 | |
| 38 = .390 | |
| 209 = .209 | |
- ALL DIMENSIONS = $\frac{\text{INCHES}}{\text{MM}}$
- "UL" LISTING #E32244
 "CSA" LISTING #18689
- WIRE SIZE: 12 - 10 AWG²
 4.0 - 6.0 MM²



(MWID) = DENOTES MAXIMUM WIRE INSULATION DIAMETER

PART NUMBER	"W" ±.010	"C" MIN.	"L" MAX.	SCALE:	DATE	TITLE:	DWG. NO.	CUSTOMER DWG.
C-801-	$\frac{.750}{19.05}$	$\frac{.611}{15.51}$	$\frac{1.580}{40.13}$	NTS	9-22-87	RING TONGUE TERMINAL AVIKRIMP 800-SERIES	A	
C-828-	$\frac{.375}{9.53}$	$\frac{.303}{7.70}$	$\frac{1.091}{27.71}$					
C-830-	$\frac{.530}{13.46}$	$\frac{.393}{9.98}$	$\frac{1.258}{31.95}$					
C-836-	$\frac{.282}{7.16}$	$\frac{.306}{7.77}$	$\frac{1.047}{26.59}$					
C-840-	$\frac{.592}{15.04}$	$\frac{.466}{11.83}$	$\frac{1.362}{34.59}$					
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED		REFERENCE	SCALE:	NTS	DATE	TITLE:	EIC Incorporated	
FRAC. DEC. ANG.		DRWN. BY: EMF	CHKD. BY:				CUSTOMER DWG.	
± ± ±		APPRD. BY:						