

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

**Part Number:** **0190730184**  
**Status:** **Active**  
**Description:** Avikrimp™ Ring Tongue Terminal for 10 to 12 AWG Wire, Stud Size 10, Expanded Flare, Length 31.95mm (1.258"), Mylar Tape Carrier

**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**

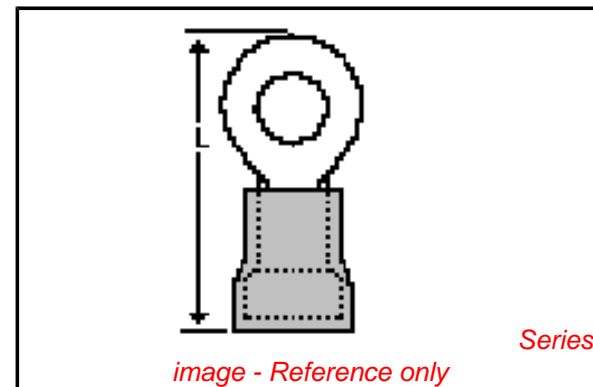
Barrel Type Closed  
 Flammability 94V-0  
 Insulation Nylon (PA)  
 Material - Plating Mating Tin  
 Packaging Type Adhesive Tape on Reel  
 Plating min: Mating (µin) 100  
 Plating min: Mating (µm) 2.5  
 Plating min: Termination (µin) 100  
 Plating min: Termination (µm) 2.5  
 Stud Size 10 (M5)  
 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-830-10XT

**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](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**

[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 #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	<a href="#">0192880179</a>
Mini-Mac™ Applicator	<a href="#">0638851500</a>

This document was generated on 04/13/2010

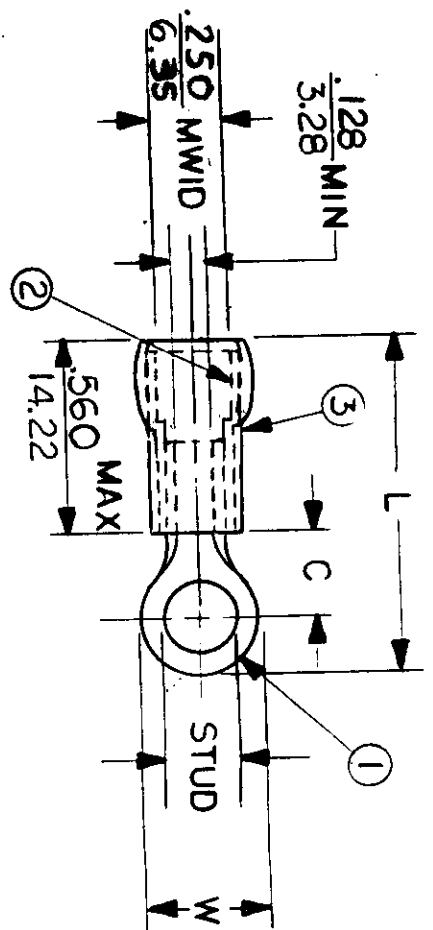
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**NOTES:**

- 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 =  $\frac{\text{INCHES}}{\text{MM}}$

(MWID) = DENOTES MAXIMUM WIRE INSULATION DIAMETER



"UL" LISTING #E32244  
 "CSA" LISTING #18689  
 WIRE SIZE: 12 - 10 AWG  
 4.0 - 6.0 MM<sup>2</sup>

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:						