

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0190730205**
Status: **Active**
Description: Avikrimp™ Ring Tongue Terminal for 10 to 12 AWG Wire, Stud Size 5/16", 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
 Stud Size 5/16" (M8)
 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-830-56XT

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

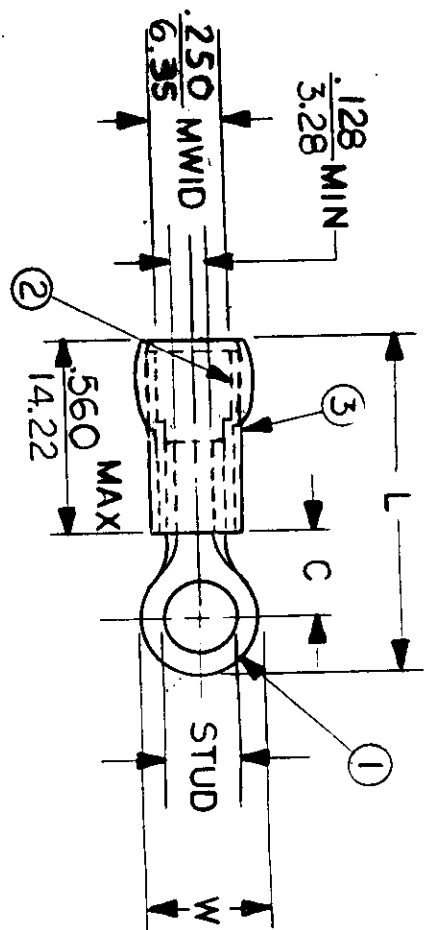
Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	0192880179
Mini-Mac™ Applicator	0638851500

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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 = $\frac{\text{INCHES}}{\text{MM}}$
- "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-	.750 19.05	.611 15.51	1.580 40.13	NTS	9-22-87	RING TONGUE TERMINAL AVIKRIMP 800-SERIES	A	
C-828-	.375 9.53	.303 7.70	1.091 27.71					
C-830-	.530 13.46	.393 9.98	1.258 31.95					
C-836-	.282 7.16	.306 7.77	1.047 26.59					
C-840-	.592 15.04	.466 11.83	1.362 34.59					
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED REFERENCE SCALE: NTS DRWN. BY: EMF CHKD. BY: APPRD. BY:							ETC INCORPORATED mox	
DIMENSIONAL TOLERANCES UNLESS OTHERWISE SPECIFIED REFERENCE SCALE: NTS DRWN. BY: EMF CHKD. BY: APPRD. BY:							CUSTOMER DWG	