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Part Number: [0190730170](#)
Status: **Active**
Description: Avikrimp™ Ring Tongue Terminal for 10 to 12 AWG Wire, Stud Size 10, Length 27.71mm (1.091")

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

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19073
Comments	Type II Insulated; Class 1 and 2
Crimp Quality Equipment	Yes
Mil-Spec	AS25036-112, MS25036-112
MolexKits	Yes
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	5.70mm (.225") max.
Wire Size AWG	10, 12
Wire Size mm²	3.30 - 5.00

Material Info

Old Part Number	C-828-10
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Reference - Drawing Numbers

Sales Drawing	SD-19073-007
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image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

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.

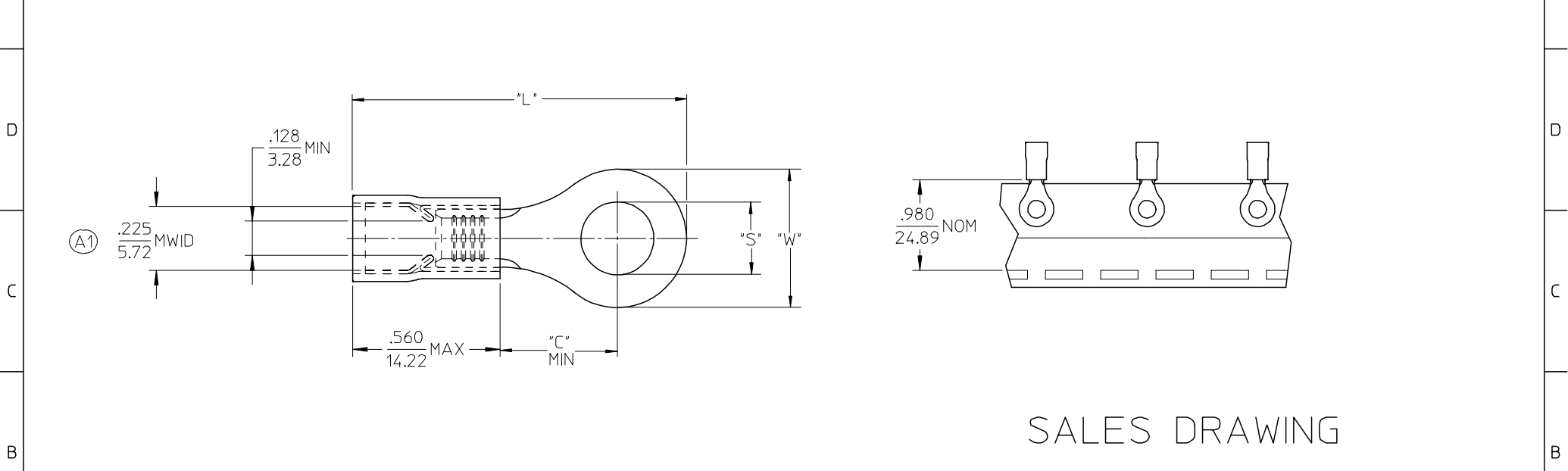
Search Parts in this Series
[19073Series](#)

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

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	10	9	8	7	6	5	4	3	2	19073
	MATERIAL NUMBER	ENG. NO.	MATERIAL NUMBER TAPE MOUNTED	ENG. NO.	STUD SIZE	"S" ±.005	"W" MAX	"C" MIN	"L" MAX	
F	190730145	C-801-12	190730146	C-801-12T	12	.515 (13.08)	.760 (19.30)	.611 (15.52)	1.580 (40.13)	
	190730148	C-801-14	-----	-----	14	.265 (6.73)				
	190730150	C-801-38	-----	-----	38	.390 (9.91)				
	190730152	C-801-56	-----	-----	56	.328 (8.33)				
	190730154	C-801-76	-----	-----	76	.453 (11.51)				
E	190730156	C-828-04	190730157	C-828-04T	04	.119 (3.02)	.385 (9.78)	.303 (7.70)	1.091 (27.71)	
	190730160	C-828-06	190730162	C-828-06T	06	.146 (3.71)				
	190730165	C-828-08	190730167	C-828-08T	08	.173 (4.39)				
	190730170	C-828-10	190730172	C-828-10T	10	.198 (5.03)				
	190730175	C-828-14	-----	-----	14	.265 (6.73)				



NOTES:

- MATERIAL: COPPER (.040/1.02) THICK.
PLATING: ELECTROPLATE TIN
- FERRULE: TIN PLATED BRASS
- INSULATION: YELLOW NYLON
- MWID=MAXIMUM WIRE INSULATION DIA.
- ALL DIMENSIONS IN INCHES (MM).
- WIRE SIZE: 12-10 AWG
4.0-6.0 MM²

EC NO: ETC2006-0152 DRWN: ASAYDEH 2005/12/12 CHKD: JLOMASTR 2005/12/13 APPR: RDEROSS 2005/12/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	REVISE ON CAD ONLY
	DESCRIPTION REV A1	4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ± 1 °	DIMENSION STYLE IN/MM		TITLE	
		DRAFT WHERE APPLICABLE	DRAWN BY DMYRICK DATE 03/12/15		RING TONGUE TERMINAL AVIKRIMP, 800-SERIES 12-10 AWG	
		MUST REMAIN WITHIN DIMENSIONS	CHECKED BY SBEITZEL DATE 03/12/15		MOLEX INCORPORATED	
		APPROVED BY RDEROSS DATE 03/12/15	MATERIAL NO. SEE CHART		DOCUMENT NO. SD-19073-007	SHEET NO. 1 OF 1
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