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Part Number: [0190770007](#)
Status: **Active**
Description: Avikrimp™ Star Ring Tongue Terminal for 18-22 AWG Wire, Stud Size 10

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

Agency Certification

CSA LR18689
UL E32244

General

Product Family Ring and Spade Terminals
Series [19077](#)
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)
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter 3.51mm (.138") max.
Wire Size AWG 18, 20, 22
Wire Size mm² 0.25 - 1.30

Material Info

Old Part Number SRA-829-10

Reference - Drawing Numbers

Sales Drawing SD-19077-001



*Series
image - Reference only*

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

[19077Series](#)

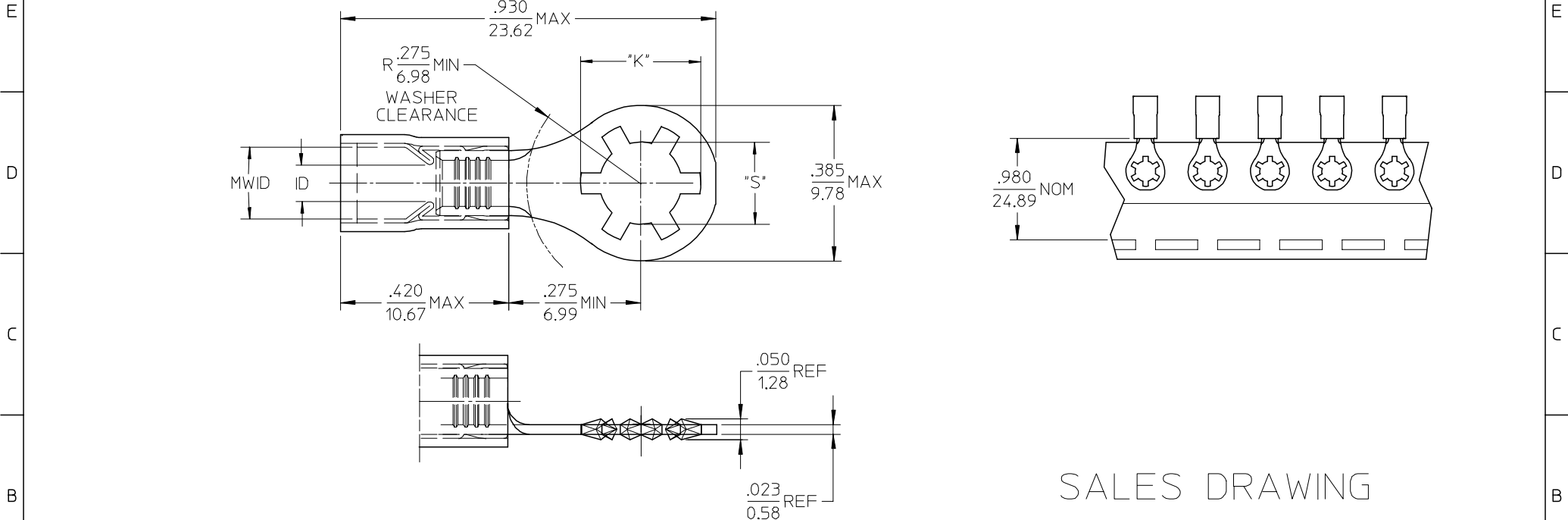
Application Tooling | FAQ

*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	0640010500
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050500

	10		9		8		7		6		5		4		3		2		19077		
F	MATERIAL NO.	ENG. NO.	MATERIAL NUMBER TAPE MOUNTED	ENG. NO. TAPE MOUNTED	STUD SIZE	"S" ±.005/.127	"K" REF DIA	WIRE RANGE AWG / MM²	INSULATION COLOR	I.D. MIN	MWID										F
	190770001	SRA-829-06	190770002	SRA-829-06T	6	.146 (3.71)	.236 (5.99)	22-18/.25-1.3	RED	.062/1.57	.138/3.51										
	190770005	SRA-829-08	190770006	SRA-829-08T	8	.173 (4.39)	.263 (6.68)														
	190770007	SRA-829-10	190770008	SRA-829-10T	10	.198 (5.03)	.288 (7.32)														
	190770015	SRB-829-06	190770016	SRB-829-06T	6	.146 (3.71)	.236 (5.99)	16-14/1.0-2.6	BLUE	.086/2.18	.169/4.29										
	190770017	SRB-829-08	190770018	SRB-829-08T	8	.173 (4.39)	.263 (6.68)														
	190770019	SRB-829-10	190770020	SRB-829-10T	10	.198 (5.03)	.288 (7.32)														



SALES DRAWING

NOTES:

1. MATERIAL: BRASS.
PLATING: ELECTROPLATE TIN.
2. FERRULE: BRASS ELECTROPLATE TIN.
PLATING: ELECTROPLATE TIN.
3. INSULATION: NYLON.
4. MWID=MAXIMUM WIRE INSULATION DIA.
5. ALL DIMENSIONS IN INCHES (MM).

EC NO: ETC2004-0126 DRWN:DMYRICK 2004/01/06 CHKD:SBEITZEL 2004/01/06 APPR:RDEROSS 2004/01/07	DESCRIPTION	QUALITY SYMBOLS ▽ = 0 ◻ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE NTS	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
			mm	INCH	DIMENSION STYLE IN/MM		TITLE AVIKRIMP STAR RING TONGUE TERMINALS			
			4 PLACES ± --- ± ---	DRAWN BY DMYRICK DATE 03/12/22						
			3 PLACES ± --- ± .005	CHECKED BY SBEITZEL DATE 03/12/22		MOLEX MOLEX INCORPORATED				
			2 PLACES ± 0.13 ± .01	APPROVED BY RDEROSS DATE 03/12/22						
1 PLACE ± 0.25 ± ---	DRAFT WHERE APPLICABLE		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-19077-001		SHEET NO. 1 OF 1			
B	REV		MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
					B					