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Part Number: [0190770009](#)
Status: **Active**
Description: Avikrimp™ Steel Star Ring Tongue Terminal 18-22 AWG Wire, Stud Size 6

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-2
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 6 (M3.5)
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-S-829-06

Reference - Drawing Numbers

Sales Drawing SD-19077-002



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](#)

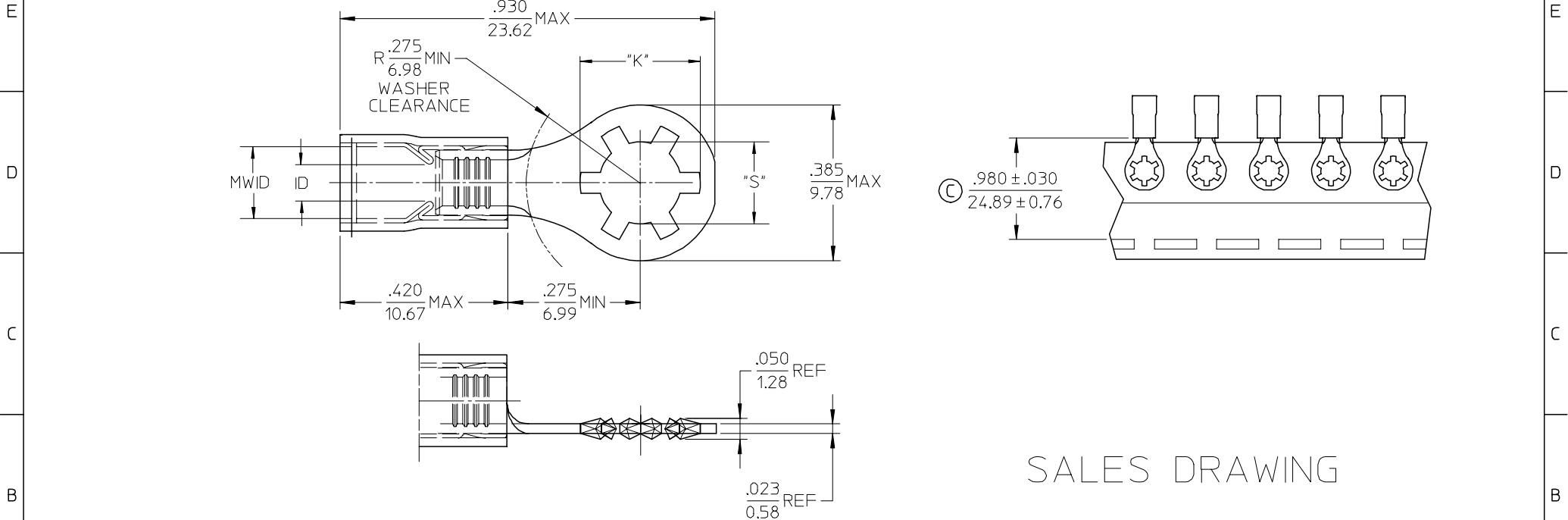
Please visit the [Contact Us](#) section for any non-product compliance questions.

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 NO. 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								
	190770009	SRA-S-829-06	190770010	SRA-S-829-06T	6	.146 (3.71)	.236 (5.99)	22-18/.25-1.3	RED	.062/1.57	.138/3.51									
	190770011	SRA-S-829-08	190770012	SRA-S-829-08T	8	.173 (4.39)	.263 (6.68)													
	190770013	SRA-S-829-10	190770014	SRA-S-829-10T	10	.198 (5.03)	.288 (7.32)													
	190770021	SRB-S-829-06	190770022	SRB-S-829-06T	6	.146 (3.71)	.236 (5.99)	16-14/1.0-2.6	BLUE	.086/2.18	.169/4.29									
	190770023	SRB-S-829-08	190770024	SRB-S-829-08T	8	.173 (4.39)	.263 (6.68)													
	190770025	SRB-S-829-10	190770026	SRB-S-829-10T	10	.198 (5.03)	.288 (7.32)													



NOTES:

1. MATERIAL: STEEL.
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).
6. ALL COMPONENTS ARE ROHS COMPLIANT. ©

MODIFY TOL. EC NO: ETC2006-0425 DRWN: CYORK 2006/05/08 CHKD: JMACNEIL 2006/05/11 APPR: RDEROSS 2006/05/11	QUALITY SYMBOLS DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± .005 2 PLACES ± 0.13 ± .01 1 PLACE ± 0.25 ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE 1:1 DESIGN UNITS INCH DIMENSION STYLE IN/MM DRAWN BY DMYRICK DATE 03/12/22 CHECKED BY SBEITZEL DATE 03/12/22 APPROVED BY RDEROSS DATE 03/12/22	THIRD ANGLE PROJECTION REVISE ON CAD ONLY TITLE AVIKRIMP STEEL STAR RING TONGUE TERMINALS MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-19077-002 SHEET NO. 1 OF 1