

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0190770011](#)
Status: **Active**
Description: Avikrimp™ Steel Star Ring Tongue Terminal 18-22 AWG Wire, Stud Size 8

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 8 (M4)
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-829-08

Reference - Drawing Numbers

Sales Drawing 6E5T-14463-BA, 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](#)

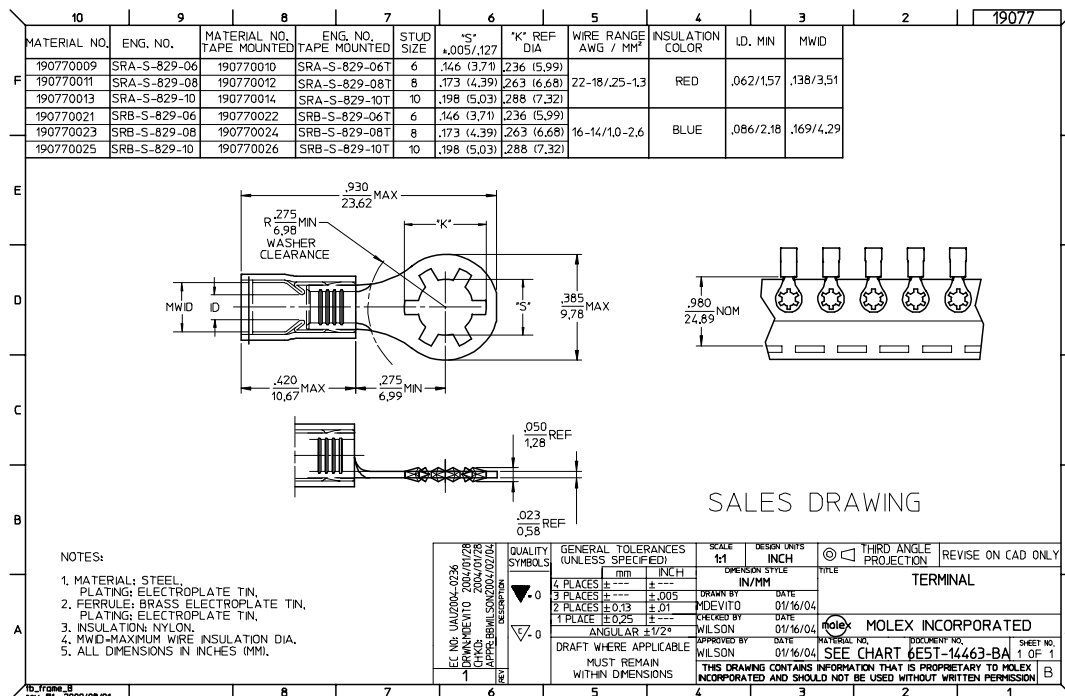
Please visit the [Contact Us](#) section for any non-product compliance questions.

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

REVISIONS			
ORIGINATOR	CHECKER	ENGR APP	MATL APP
-	RELEASED 6EST-14463-BA ARCHIVED DATE: AE00-E-11505652-025		
DEVITO	WILSON	PRICE	



FORD PART NUMBER	MOLEX PART NUMBER
6EST-14463-BA	19077-0011

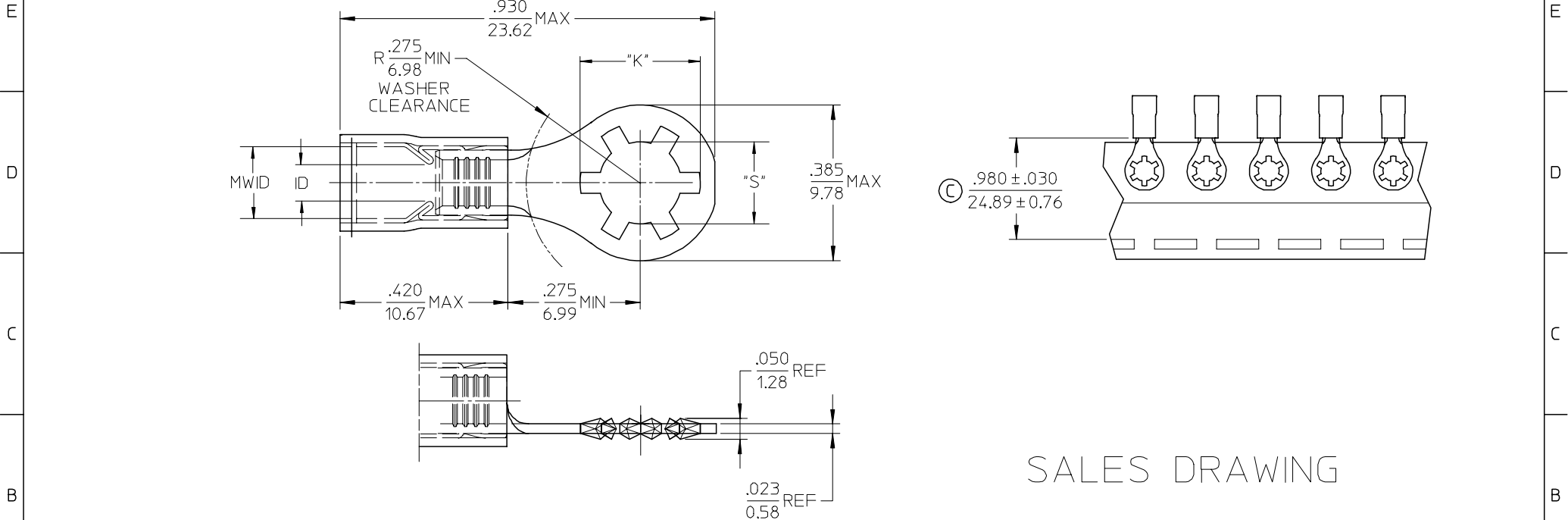
NOTES:

APPROVED FOR USE ONLY IN 'BLACK BOX' APPLICATIONS, WHICH ARE TO PASS SYSTEM LEVEL VALIDATION TESTING. CONNECTOR SDS EL-0173 NOT MET TERMINAL RETENTION FORCE AND TESTING SPECIFIC TO EVALUATE TERMINAL MUST BE PERFORMED AT SYSTEM-LEVEL.

REFERENCE			
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PART MUST COMPLY WITH MATERIAL SPECIFICATION NSS-M98P9999-A1 TO HELP SAFEGUARD HEALTH, SAFETY AND THE ENVIRONMENT.			
DRAFTED IN ACCORDANCE WITH FAD ENGINEERING DRAFTING STANDARD CURRENT AT INITIAL RELEASE			3RD ANGLE PROJ DIMENSIONS IN MILLIMETERS
CAD TYPE	CAD LOC.	CAD FILE	IS MASTER
OPER. NO.	UNIT	DRAWING 6EST-14463-BA	
DESIGN MDEVITO	DETAIL	TITLE	SHT 1 OF 1
CHECKED BBWILSON	SAFETY	TERMINAL	
SCALE 1:1	DATE 2004/01/28	DIVISION	PLANT

DRW SIZE A/D

	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)													



SALES DRAWING

- 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) mm INCH 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 TITLE AVIKRIMP STEEL STAR RING TONGUE TERMINALS MOLEX INCORPORATED SEE CHART	REVISE ON CAD ONLY MATERIAL NO. SD-19077-002 DOCUMENT NO. SHEET NO. 1 OF 1