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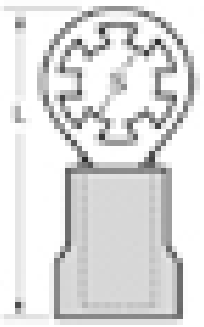
Part Number: 0190770010
Status: Active
Description: Avikrimp™ Steel Star Ring Tongue Terminal 18-22 AWG Wire, Stud Size 6, Mylar Tape Carrier



Series image - Reference only

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	Adhesive Tape on Reel
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-829-06T

Reference - Drawing Numbers

Sales Drawing	SD-19077-002

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 #
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	0192880038
Mini-Mac™ Applicator	0638851400

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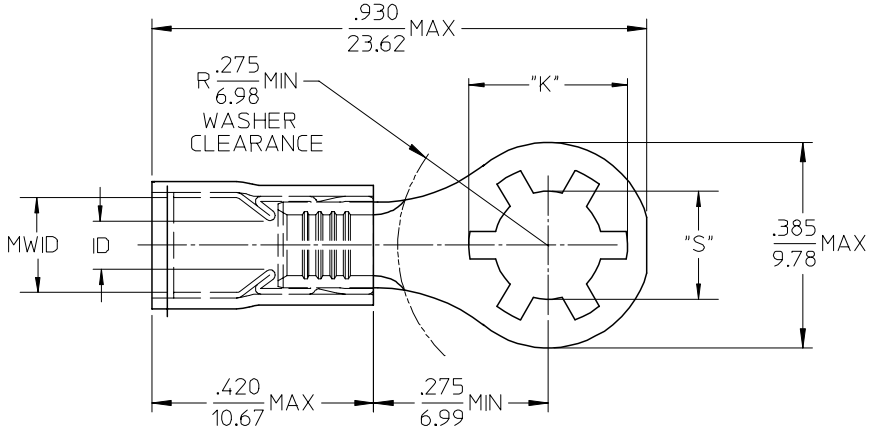
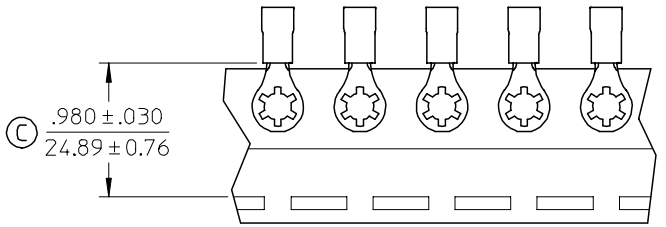
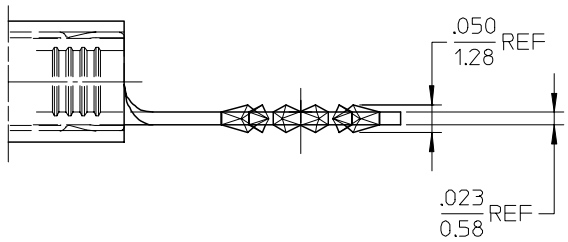
10	9	8	7	6	5	4	3	2	19077

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
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
DESCRIPTION
REV

QUALITY SYMBOLS
▼ = 0
Ⓒ ▽ = 0

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	DESIGN UNITS
1:1	INCH

THIRD ANGLE PROJECTION | REVISE ON CAD ONLY

DIMENSION STYLE: IN/MM

DRAWN BY	DATE
DMYRICK	03/12/22
CHECKED BY	DATE
SBEITZEL	03/12/22
APPROVED BY	DATE
RDEROSS	03/12/22

TITLE
AVIKRIMP STEEL
STAR RING TONGUE
TERMINALS

molex MOLEX INCORPORATED

MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE CHART	SD-19077-002	1 OF 1

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rev. B1 2000/08/01

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