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Part Number:

0190730012

Status:

Active

Description:

Avikrimp™ Ring Tongue Terminal for 18 to 22 AWG Wire, Stud Size 6, Length 22.00mm (.866"), Mylar Tape Carrier

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19073
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	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)
Wire Insulation Diameter	3.60mm (.142") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Material Info

Old Part Number	AA-821-06T
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Reference - Drawing Numbers

Sales Drawing	SD-19073-002
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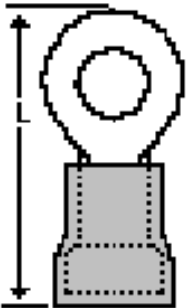


image - Reference only

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
19073Series

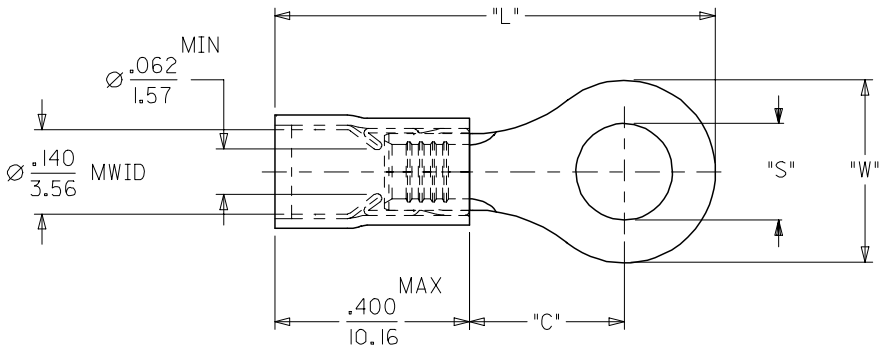
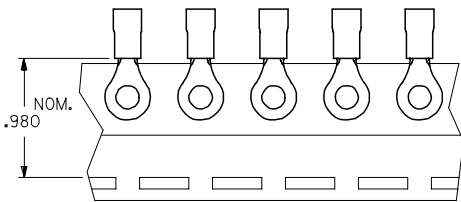
Application Tooling | [FAQ](#)
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
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	0192880023
Mini-Mac™ Applicator	0638851300

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	10	9	8	7	6	5	4	3	2	19073
	MATERIAL NUMBER	ALTERNATE NUMBER	STUD SIZE	"S"	"W"	Ⓢ "C" MIN	Ⓢ "L" MAX	PACKAGING		
F	I90730005	AA-820-02	2	.094/(2.38)	.23(5.7)	.16(4.0)	.71(18.0)	LOOSE PIECE		
	I90730007	AA-820-04	4	.119/(3.02)	.23(5.7)	.16(4.0)	.71(18.0)			
	I90730009	AA-820-06	6	.146/(3.71)	.23(5.7)	.16(4.0)	.71(18.0)			
	I90730011	AA-821-06	6	.146/(3.71)	.31(7.9)	.27(6.9)	.87(22.0)			
	I90730013	AA-821-08	8	.173/(4.39)	.31(7.9)	.27(6.9)	.87(22.0)			
E	I90730017	AA-821-10	10	.198/(5.03)	.31(7.9)	.27(6.9)	.87(22.0)	TAPE MOUNTED		
	I90730020	AA-821-209	5MM	.209/(5.30)	.31(7.9)	.27(6.9)	.87(22.0)			
	I90730006	AA-820-02T	2	.094/(2.38)	.23(5.7)	.16(4.0)	.71(18.0)			
	I90730008	AA-820-04T	4	.119/(3.02)	.23(5.7)	.16(4.0)	.71(18.0)			
	I90730010	AA-820-06T	6	.146/(3.71)	.23(5.7)	.16(4.0)	.71(18.0)			
	I90730012	AA-821-06T	6	.146/(3.71)	.31(7.9)	.27(6.9)	.87(22.0)			
	I90730015	AA-821-08T	8	.173/(4.39)	.31(7.9)	.27(6.9)	.87(22.0)			
	I90730019	AA-821-10T	10	.198/(5.03)	.31(7.9)	.27(6.9)	.87(22.0)			
	I90730021	AA-821-209T	5MM	.209/(5.30)	.31(7.9)	.27(6.9)	.87(22.0)			



- NOTES:
 1. MATERIAL: COPPER
 PLATING: ELECTROPLATE TIN
 2. FERRULE: TIN-PLATED BRASS
 3. INSULATION: RED NYLON 94V2.
 4. MWID=MAXIMUM WIRE INSULATION DIA.
 5. ALL DIMENSIONS IN INCHES/(MM).
 6. ASSEMBLY IS ROHS COMPLIANT.

REV CHART DIM. C & L		DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION
EC NO: ETC2007-0223	2006/12/04			mm	INCH	DRAWN BY	DATE	TITLE		
DRW:HEHLE	2006/12/04		▽=0	4 PLACES ± ---	± ---	HEB	2000/09/08	RING TONGUE TERMINAL AVIKRIMP 800 SERIES		
CHKD: JMACNEIL	2006/12/04		▽=0	3 PLACES ± ---	± .005	CHECKED BY	DATE			
APPR: JMACNEIL	2006/12/06			2 PLACES ± 0.13	± .01	RWD	2000/09/08	MOLEX INCORPORATED		
				1 PLACE ± 0.25	± ---	APPROVED BY	DATE			
				ANGULAR ±1/2°		RWD	2000/09/08			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
					SEE CHART		SD-19073-002		1 OF 1	
					SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				