

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

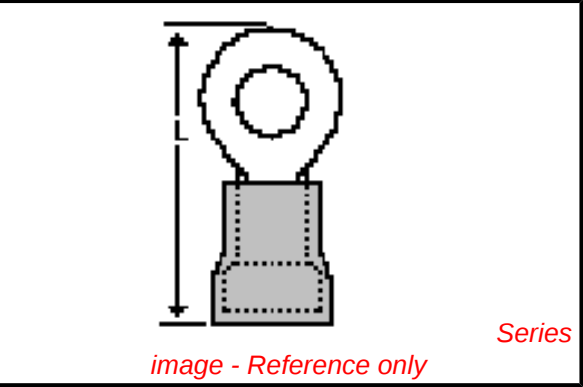
0190730038

Status:

Active

Description:

Avikrimp™ Ring Tongue Terminal for 18 to 22 AWG Wire, Stud Size 5, Length 19.80mm (.779")



Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR18689
UL	E32244
General	
Product Family	Ring and Spade Terminals
Series	19073
Comments	Type II Insulated; Class 1 and 2
Crimp Quality Equipment	Yes
Mil-Spec	AS25036-102, MS25036-102
MolexKits	Yes
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	5-6 (M3-3.5)
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-832-06

Reference - Drawing Numbers	
Sales Drawing	SD-19073-004

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

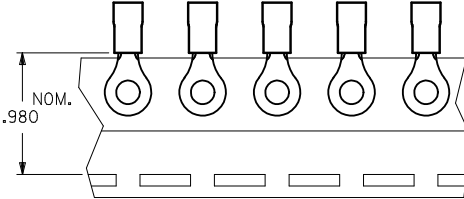
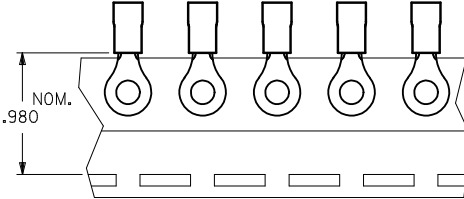
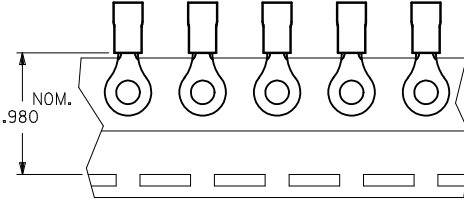
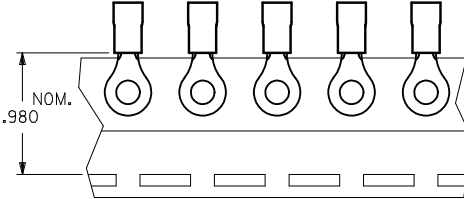
Application Tooling | FAQ

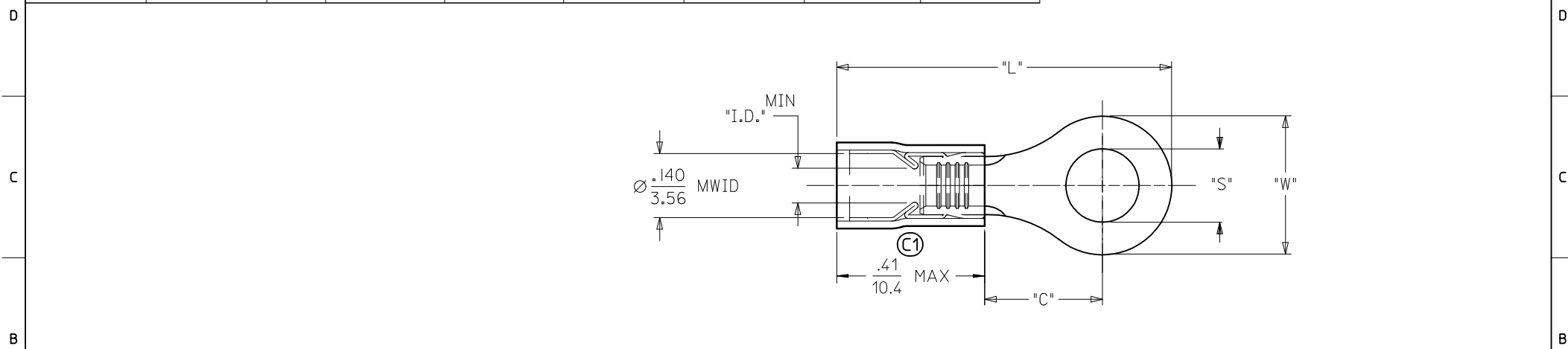
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640011200
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051200

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10		9		8		7		6		5		4		3		2		19073																					
MATERIAL NUMBER		ALTERNATE NUMBER		STUD SIZE		"S"		"W"		"C" MIN (C1)		"L" MAX (C1)		"I.D."		PACKAGING																							
F	I90730036	AA-832-04	04	.119(3.02)	.25(6.5)	.24(6.1)	(C1).81 (20.6)	.062(1.57)	LOOSE PIECE																														
	I90730038	AA-832-06	06	.146(3.71)	.25(6.5)	.24(6.1)	(C1).81 (20.6)	.062(1.57)																															
	I90730042	AA-832-08	08	.173(4.39)	.25(6.5)	.24(6.1)	(C1).81 (20.6)	.062(1.57)																															
	I90730046	AA-833-04	04	.119(3.02)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)																															
	I90730047	AA-833-06	06	.146(3.71)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)																															
	I90730048	AA-833-08	08	.173(4.39)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)																															
	I90730049	AA-833-10	10	.198(5.03)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)																															
E	I90730001	AA-8111-02	02	.094(2.38)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)	TAPE MOUNTED																														
	I90730003	AA-8111-04	04	.119(3.02)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)																															
	I90730037	AA-832-04T	04	.119(3.02)	.25(6.5)	.24(6.1)	(C1).81 (20.6)	.062(1.57)																															
	I90730040	AA-832-06T	06	.146(3.71)	.25(6.5)	.24(6.1)	(C1).81 (20.6)	.062(1.57)																															
	I90730043	AA-832-08T	08	.173(4.39)	.25(6.5)	.24(6.1)	(C1).81 (20.6)	.062(1.57)																															
	I90730050	AA-833-10T	10	.198(5.03)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)																															
	I90730002	AA-8111-02T	02	.094(2.38)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)																															
	I90730004	AA-8111-04T	04	.119(3.02)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)																															



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

FIX TOLERANCES EC NO: WNA2010-0470 CHKD: JMACNEIL 2010/01/27 APPR: JMACNEIL 2010/01/27	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION			
				IN/MM		1:1	INCH				
						DRAWN BY		DATE		TITLE RING TONGUE TERMINAL 22-18 AWG AVIKRIMP, 800-SERIES MOLEX INCORPORATED	
						ASAYDEH		05/12/07			
						CHECKED BY		DATE			
						JLOMASTRO		05/12/07			
						APPROVED BY		DATE		MOLEX MOLEX INCORPORATED	
						RDEROSS		05/12/07			
						MATERIAL NO.		DOCUMENT NO.			
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-19073-004	
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					