molex
one company > a world of innovation

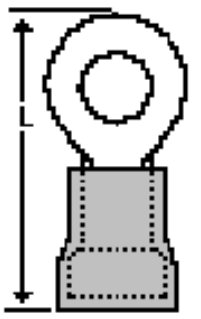
This document was generated on 04/12/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190730049

Status: Active

Description: Avikrimp™ Ring Tongue Terminal for 18 to 22 AWG Wire, Stud Size 10, Length 20.70mm (.814")



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	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	Bag
Stud Size	10 (M5)
Termination Interface: Style	Crimp or Compression
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-833-10

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.

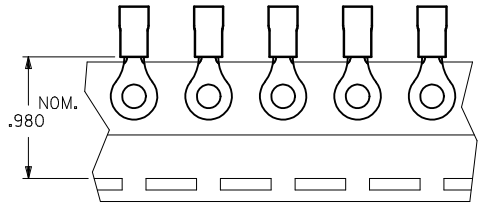
Global

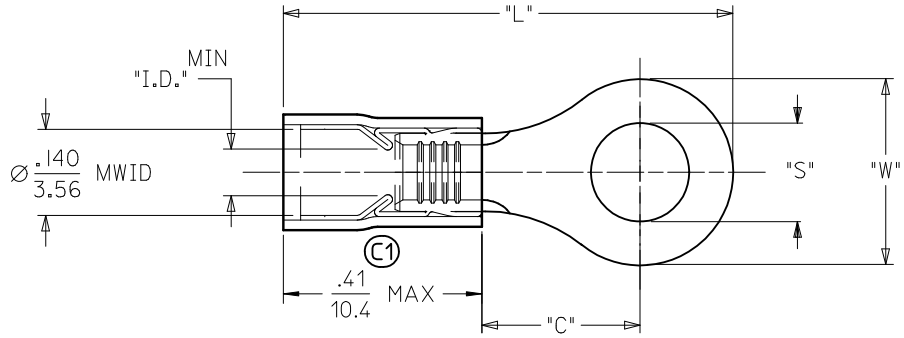
Description	Product #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640011200
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051200

This document was generated on 04/12/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NUMBER	ALTERNATE NUMBER	STUD SIZE	"S"	"W"	"C" MIN (C1)	"L" MAX (C1)	"I.D."	PACKAGING
190730036	AA-832-04	04	.119(3.02)	.25(6.5)	.24(6.1)	(C1) .81 (20.6)	.062(1.57)	LOOSE PIECE
190730038	AA-832-06	06	.146(3.71)	.25(6.5)	.24(6.1)	(C1) .81 (20.6)	.062(1.57)	
190730042	AA-832-08	08	.173(4.39)	.25(6.5)	.24(6.1)	(C1) .81 (20.6)	.062(1.57)	
190730046	AA-833-04	04	.119(3.02)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)	
190730047	AA-833-06	06	.146(3.71)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)	
190730048	AA-833-08	08	.173(4.39)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)	
190730049	AA-833-10	10	.198(5.03)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)	
190730001	AA-8111-02	02	.094(2.38)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)	
190730003	AA-8111-04	04	.119(3.02)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)	
190730037	AA-832-04T	04	.119(3.02)	.25(6.5)	.24(6.1)	(C1) .81 (20.6)	.062(1.57)	TAPE MOUNTED
190730040	AA-832-06T	06	.146(3.71)	.25(6.5)	.24(6.1)	(C1) .81 (20.6)	.062(1.57)	
190730043	AA-832-08T	08	.173(4.39)	.25(6.5)	.24(6.1)	(C1) .81 (20.6)	.062(1.57)	
190730050	AA-833-10T	10	.198(5.03)	.27(6.9)	.24(6.1)	.82(20.7)	.062(1.57)	
190730002	AA-8111-02T	02	.094(2.38)	.19(4.8)	.17(4.4)	.72(18.2)	.054(1.37)	
190730004	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).
(C1) 6. PARTS ARE ROHS COMPLIANT.

FIX TOLERANCES
EC NO: WNA2010-0470 2010/01/27
DRWN:ETHRODAHL 2010/01/27
CH'KD:JMACNEIL 2010/01/27
APPR:JMACNEIL 2010/01/27
DESCRIPTION
C1
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

DIMENSION STYLE: IN/MM
SCALE: 1:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY: ASAYDEH DATE: 05/12/07
CHECKED BY: JLOMASTRO DATE: 05/12/07
APPROVED BY: RDEROSS DATE: 05/12/07

TITLE: RING TONGUE TERMINAL 22-18 AWG AVIKRIMP, 800-SERIES

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19073-004
SHEET NO.: 1 OF 1

SIZE: B

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION