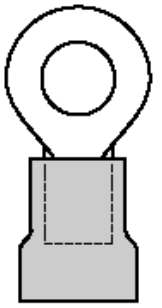
This document was generated on 03/18/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0190700011
Status: Active
Description: InsulKrimp™ Ring Tongue Terminal for 18-22 AWG Wire



Series image - Reference only

Documents:
Drawing (PDF)
Product Specification PS-19902-009 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19070
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	InsulKrimp™
Type	Ring

Physical

Barrel Type	Closed
Flammability	94V-2
Insulation	PVC
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	3.70mm (.145") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Material Info

Old Part Number	AA-221-06X

Reference - Drawing Numbers

Product Specification	PS-19902-009
Sales Drawing	SD-19070-003

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
19070Series

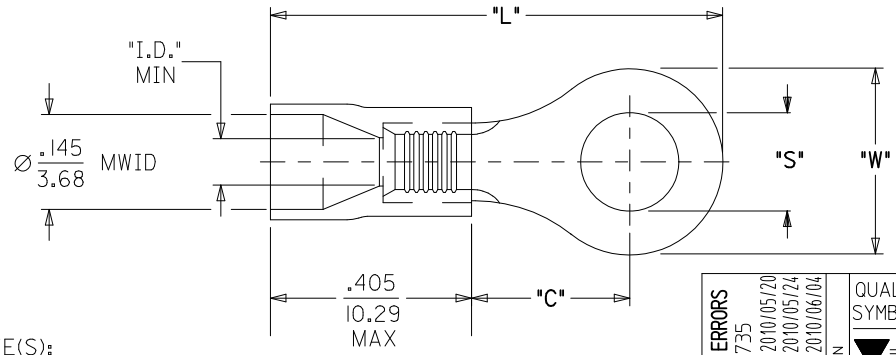
Application Tooling | **FAQ**
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.
Global

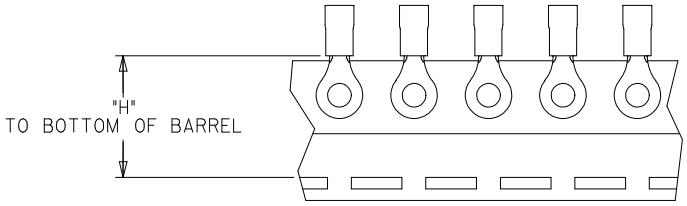
Description	Product #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640010300
Hand Crimp Tool	0640011200
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050300
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051200

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LOOSE PIECE		TAPE MOUNTED		SPECIFICATIONS							
MATERIAL NUMBER	ALTERNATE NUMBER	MATERIAL NUMBER	ALTERNATE NUMBER	STUD SIZE	"S" ±.005/(0.13)	"W" MAX.	"C" MIN.	"L" MAX.	"ID" MIN.	STOCK THICKNESS REFERENCE	"H" ±.020/.051
190700005	AA-220-02X	190700006	AA-220-02XT	2	.094/(2.39)	.235/(6.00)	.157/(3.99)	.709/(18.01)	.062/(1.57)	.028/(0.71)	.980/(24.89)
190700007	AA-220-04X	190700008	AA-220-04XT	4	.119/(3.02)						
190700009	AA-220-06X	190700010	AA-220-06XT	6	.146/(3.71)						
190700011	AA-221-06X	190700012	AA-221-06XT	6	.146/(3.71)	.322/(8.18)	.270/(6.86)	.866/(22.00)	.062/(1.57)	.028/(0.71)	
190700013	AA-221-08X	190700014	AA-221-08XT	8	.173/(4.39)						
190700015	AA-221-10X	190700017	AA-221-10XT	10	.198/(5.03)						
190700019	AA-221-209X	190700020	AA-221-209XT	M5	.209/(5.18)						
190700021	AA-222-10X	190700022	AA-222-10T	10	.198/(5.03)	.477/(12.11)	.386/(9.80)	1.060/(26.92)	.062/(1.57)	.028/(0.71)	
190700023	AA-222-14X	190700024	AA-222-14XT	14	.265/(6.73)						
190700026	AA-222-56X	190700027	AA-222-56XT	5/16"	.328/(8.33)						
190700029	AA-226-10X	190700030	AA-226-10XT	10	.198/(5.03)	.544/(13.82)	.552/(14.02)	1.259/(31.98)	.055/(1.40)	.031/(0.79)	1.172/(29.77)
190700031	AA-226-14X	190700032	AA-226-14XT	14	.265/(6.73)						
190700036	AA-226-56X	190700037	AA-226-56XT	5/16"	.328/(8.33)						
190700033	AA-226-38X	190700035	AA-226-38XT	3/8"	.390/(9.91)						
190700038	AA-232-04X	190700039	AA-232-04XT	4	.119/(3.02)	.264/(6.70)	.240/(6.10)	.807/(20.50)	.062/(1.57)	.028/(0.71)	.980/(24.89)
190700040	AA-232-06X	190700042	AA-232-06XT	6	.146/(3.71)						
190700044	AA-232-08X	190700045	AA-232-08XT	8	.173/(4.39)						
190700051	AA-233-10X	190700052	AA-233-10XT	10	.198/(5.03)	.283/(7.20)	.240/(6.10)	.816/(20.73)	.062/(1.57)	.028/(0.71)	
190700001	AA-2111-02X	190700002	AA-2111-02XT	2	.094/(2.39)	.197/(5.00)	.173/(4.40)	.715/(18.16)	.055/(1.40)	.031/(0.79)	
190700003	AA-2111-04X	190700004	AA-2111-04XT	4	.119/(3.02)						





NOTE(S):
1. MATERIAL: COPPER
   PLATING: ELECTROPLATE TIN
(C1) 2. DELETED
3. INSULATION: RED MOLDED PVC
4. MWID=MAXIMUM WIRE INSULATION DIA.
5. ALL DIMENSIONS IN INCHES (MM).
6. PARTS ARE ROHS COMPLIANT.

SALES DRAWING

FIX NOMENCLATURE ERRORS
EC NO: WNA2010-0735 2010/05/20
DRWN:ETHRODAHL 2010/05/24
CH'KD:JMACNEIL 2010/06/04
APPR:JMACNEIL
DESCRIPTION
C1
REV

QUALITY SYMBOLS
▼=0
Ⓔ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ±---°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

DRAWN BY: DMYRICK DATE: 2005/7/22
CHECKED BY: HBEITZEL DATE: 2005/7/22
APPROVED BY: RDEROSS DATE: 2005/7/22

TITLE: (C1) RING TONGUE TERMINAL INSULKRIMP, 200-SERIES 22-18 AWG

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19070-003
SHEET NO.: 1 OF 1

SIZE: B

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