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Part Number: [0190700014](#)
Status: **Active**
Description: InsulKrimp™ Ring Tongue Terminal for 18-22 AWG Wire

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

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

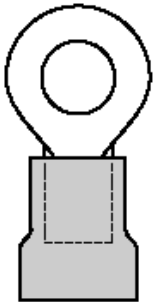
Barrel Type	Closed
Flammability	94V-2
Insulation	PVC
Material - Plating Mating	Tin
Packaging Type	Adhesive Tape on Reel
Stud Size	8 (M4)
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.70mm (.145") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.82-0.33

Material Info

Old Part Number	AA-221-08XT
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Reference - Drawing Numbers

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



*Series
image - Reference only*

EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Reviewed	China RoHS
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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.

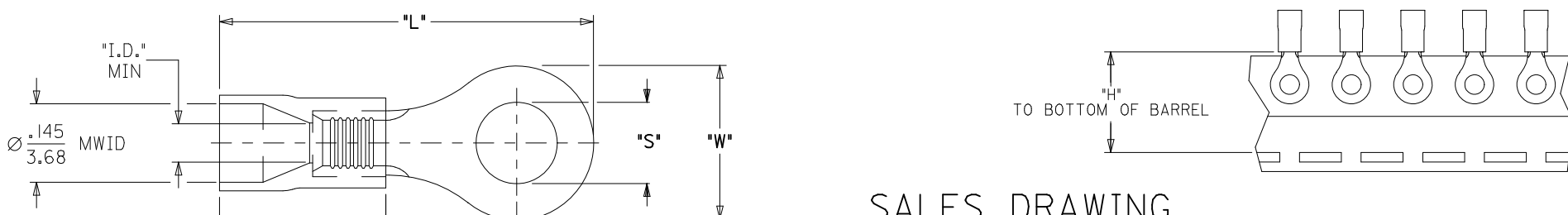
Search Parts in this Series
[19070Series](#)

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 #
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

This document was generated on 06/08/2010

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	LOOSE PIECE		TAPE MOUNTED		SPECIFICATIONS																																																																																																																	
	MATERIAL NUMBER	ALTERNATE NUMBER	MATERIAL NUMBER	ALTERNATE NUMBER	STUD SIZE	"S" $\pm .005/(0.13)$	"W" MAX.	"C" MIN.	"L" MAX.	"ID" MIN.	STOCK THICKNESS REFERENCE	"H" $\pm .020/.051$																																																																																																										
F	I90700005	AA-220-02X	I90700006	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)	F																																																																																																									
	I90700007	AA-220-04X	I90700008	AA-220-04XT	4	.119/(3.02)																																																																																																																
	I90700009	AA-220-06X	I90700010	AA-220-06XT	6	.146/(3.71)																																																																																																																
	I90700011	AA-221-06X	I90700012	AA-221-06XT	6	.146/(3.71)	.322/(8.18)	.270/(6.86)	.866/(22.00)	.062/(1.57)	.028/(0.71)																																																																																																											
	I90700013	AA-221-08X	I90700014	AA-221-08XT	8	.173/(4.39)																																																																																																																
	I90700015	AA-221-10X	I90700017	AA-221-10XT	10	.198/(5.03)																																																																																																																
	I90700019	AA-221-209X	I90700020	AA-221-209XT	M5	.209/(5.18)	.477/(12.11)	.386/(9.80)	1.060/(26.92)	.062/(1.57)	.028/(0.71)																																																																																																											
E	I90700021	AA-222-10X	I90700022	AA-222-10T	10	.198/(5.03)																																																																																																																
	I90700023	AA-222-14X	I90700024	AA-222-14XT	14	.265/(6.73)																																																																																																																
	I90700026	AA-222-56X	I90700027	AA-222-56XT	5/16"	.328/(8.33)																																																																																																																
	I90700029	AA-226-10X	I90700030	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)																																																																																																										
	I90700031	AA-226-14X	I90700032	AA-226-14XT	14	.265/(6.73)																																																																																																																
	I90700036	AA-226-56X	I90700037	AA-226-56XT	5/16"	.328/(8.33)																																																																																																																
	I90700033	AA-226-38X	I90700035	AA-226-38XT	3/8"	.390/(9.91)	.264/(6.70)	.240/(6.10)	.807/(20.50)	.062/(1.57)	.028/(0.71)																																																																																																											
D	I90700038	AA-232-04X	I90700039	AA-232-04XT	4	.119/(3.02)																																																																																																																
	I90700040	AA-232-06X	I90700042	AA-232-06XT	6	.146/(3.71)																																																																																																																
	I90700044	AA-232-08X	I90700045	AA-232-08XT	8	.173/(4.39)																																																																																																																
	I90700051	AA-233-10X	I90700052	AA-233-10XT	10	.198/(5.03)	.283/(7.20)	.240/(6.10)	.816/(20.73)	.062/(1.57)	.028/(0.71)	.980/(24.89)																																																																																																										
	I90700001	AA-2111-02X	I90700002	AA-2111-02XT	2	.094/(2.39)	.197/(5.00)	.173/(4.40)	.715/(18.16)	.055/(1.40)	.031/(0.79)																																																																																																											
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B	NOTE(S): 1. MATERIAL: COPPER PLATING: ELECTROPLATE TIN 2. DELETED 3. INSULATION: RED MOLDED PVC 4. MWID=MAXIMUM WIRE INSULATION DIA. 5. ALL DIMENSIONS IN INCHES (MM). 6. PARTS ARE ROHS COMPLIANT.											B																																																																																																										
A	SALES DRAWING <table><tr><td rowspan="11"> FIX NOMENCLATURE ERRORS EC NO: WNA2010-0735 DRW: NETHRODAHL 2010/05/20 CHKD: JMACNEIL 2010/05/24 APPR: JMACNEIL 2010/06/04 REV </td><td rowspan="11"> QUALITY SYMBOLS ▽=0 ▽=0 </td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE</td><td>SCALE</td><td>DESIGN UNITS</td><td colspan="3">THIRD ANGLE PROJECTION</td></tr><tr><td colspan="2"></td><td colspan="2">IN/MM</td><td>---</td><td>INCH</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td>mm</td><td>INCH</td><td>DRAWN BY</td><td>DATE</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td>4 PLACES</td><td>± --- ± ---</td><td>DMYRICK</td><td>2005/7/22</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td>3 PLACES</td><td>± --- ± ---</td><td>CHECKED BY</td><td>DATE</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td>2 PLACES</td><td>± --- ± ---</td><td>HBEITZEL</td><td>2005/7/22</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td>1 PLACE</td><td>± --- ± ---</td><td>APPROVED BY</td><td>DATE</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ± ---°</td><td>RDEROSS</td><td>2005/7/22</td><td colspan="3"></td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td colspan="2">SHEET NO.</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="2">SEE CHART</td><td colspan="2">SD-19070-003</td><td colspan="2">1 OF 1</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="6">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>											FIX NOMENCLATURE ERRORS EC NO: WNA2010-0735 DRW: NETHRODAHL 2010/05/20 CHKD: JMACNEIL 2010/05/24 APPR: JMACNEIL 2010/06/04 REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION					IN/MM		---	INCH						mm	INCH	DRAWN BY	DATE						4 PLACES	± --- ± ---	DMYRICK	2005/7/22						3 PLACES	± --- ± ---	CHECKED BY	DATE						2 PLACES	± --- ± ---	HBEITZEL	2005/7/22						1 PLACE	± --- ± ---	APPROVED BY	DATE						ANGULAR ± ---°		RDEROSS	2005/7/22								MATERIAL NO.		DOCUMENT NO.		SHEET NO.						SEE CHART		SD-19070-003		1 OF 1						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						A		
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