

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0190700015

Status:

Active

Description:

InsulKrimp™ Ring Tongue Terminal for 18-22 AWG Wire

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

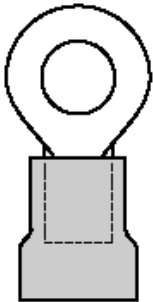
Barrel Type	Closed
Flammability	94V-2
Insulation	PVC
Material - Plating Mating	Tin
Packaging Type	Bag
Stud Size	10 (M5)
Wire Insulation Diameter	3.70mm (.145") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Material Info

Old Part Number	AA-221-10X
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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
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

This document was generated on 03/18/2010

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	10	9	8	7	6	5	4	3	2	19070																																																																		
	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)																																																																
	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)	.283/(7.20)	.240/(6.10)	.816/(20.73)	.062/(1.57)	.028/(0.71)	.980/(24.89)																																																																
	I90700051	AA-233-10X	I90700052	AA-233-10XT	10	.198/(5.03)																																																																						
	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)																																																																	
	I90700003	AA-2111-04X	I90700004	AA-2111-04XT	4	.119/(3.02)																																																																						
C																																																																												
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.																																																																											
A	SALES DRAWING <table><tr><td rowspan="7"> FIX NOMENCLATURE ERRORS EC NO: WNA2010-0735 IDRWNETHRODAHL 2010/05/20 CHKD: JMACNEIL 2010/05/24 APPR: JMACNEIL 2010/06/04 C1 </td><td rowspan="7"> QUALITY SYMBOLS ▽=0 ▽=0 </td><td colspan="2">GENERAL TOLERANCES (UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE IN/MM</td><td>SCALE ---</td><td>DESIGN UNITS INCH</td><td colspan="3">THIRD ANGLE PROJECTION</td></tr><tr><td></td><td></td><td>mm</td><td>INCH</td><td>DRAWN BY DMYRICK</td><td>DATE 2005/7/22</td><td colspan="3" rowspan="3"> TITLE RING TONGUE TERMINAL INSULKRIMP, 200-SERIES 22-18 AWG MOLEX INCORPORATED </td></tr><tr><td>4 PLACES</td><td>± --- ± ---</td><td></td><td></td><td>CHECKED BY HBEITZEL</td><td>DATE 2005/7/22</td></tr><tr><td>3 PLACES</td><td>± --- ± ---</td><td></td><td></td><td>APPROVED BY RDEROSS</td><td>DATE 2005/7/22</td></tr><tr><td>2 PLACES</td><td>± --- ± ---</td><td></td><td></td><td colspan="2">MATERIAL NO.</td><td colspan="2">DOCUMENT NO.</td><td colspan="3" rowspan="2">SHEET NO. 1 OF 1</td></tr><tr><td>1 PLACE</td><td>± --- ± ---</td><td></td><td></td><td colspan="2">DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</td><td colspan="2">SEE CHART</td></tr><tr><td colspan="2"></td><td colspan="2">ANGULAR ± ---°</td><td colspan="2"></td><td colspan="2"></td><td colspan="3"></td></tr></table>											FIX NOMENCLATURE ERRORS EC NO: WNA2010-0735 IDRWNETHRODAHL 2010/05/20 CHKD: JMACNEIL 2010/05/24 APPR: JMACNEIL 2010/06/04 C1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION					mm	INCH	DRAWN BY DMYRICK	DATE 2005/7/22	TITLE RING TONGUE TERMINAL INSULKRIMP, 200-SERIES 22-18 AWG MOLEX INCORPORATED			4 PLACES	± --- ± ---			CHECKED BY HBEITZEL	DATE 2005/7/22	3 PLACES	± --- ± ---			APPROVED BY RDEROSS	DATE 2005/7/22	2 PLACES	± --- ± ---			MATERIAL NO.		DOCUMENT NO.		SHEET NO. 1 OF 1			1 PLACE	± --- ± ---			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART				ANGULAR ± ---°											
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