

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0190700011

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

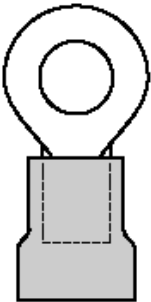
Barrel Type	Closed
Flammability	94V-2
Insulation	PVC
Material - Plating Mating	Tin
Packaging Type	Bag
Plating min: Mating (µin)	100
Plating min: Mating (µm)	2.5
Plating min: Termination (µin)	100
Plating min: Termination (µm)	2.5
Stud Size	5-6 (M3-3.5)
Wire Insulation Diameter	3.70mm (.145") max.
Wire Size AWG	18, 20, 22
Wire Size mm²	0.35 - 0.80

Material Info

Old Part Number	AA-221-06X
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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

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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" ±.005/(0.13)	"W" MAX.	"C" MIN.	"L" MAX.	"ID" MIN.	STOCK THICKNESS REFERENCE	"H" ±.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)						
	I90700013	AA-221-08X	I90700014	AA-221-08XT	8	.173/(4.39)	.322/(8.18)	.270/(6.86)	.866/(22.00)	.062/(1.57)	.028/(0.71)	
	I90700015	AA-221-10X	I90700017	AA-221-10XT	10	.198/(5.03)						
	I90700019	AA-221-209X	I90700020	AA-221-209XT	M5	.209/(5.18)						
	E	I90700021	AA-222-10X	I90700022	AA-222-10T	10	.198/(5.03)	.477/(12.11)	.386/(9.80)	1.060/(26.92)	.062/(1.57)	
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)	
D	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)						
	I90700038	AA-232-04X	I90700039	AA-232-04XT	4	.119/(3.02)	.264/(6.70)	.240/(6.10)	.807/(20.50)	.062/(1.57)	.028/(0.71)	
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)	
	I90700003	AA-2111-04X	I90700004	AA-2111-04XT	4	.119/(3.02)						

SALES DRAWING

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.

FIX NOMENCLATURE ERRORS
EC NO: WNA2010-0735
DRAWN BY: THRODAHL 2010/05/20
CHKD: JMACNEIL 2010/05/24
APPR: JMACNEIL 2010/06/04

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0005
2 PLACES	± .005	± .0005
1 PLACE	± .005	± .0005
ANGULAR	± .005	± .0005

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

SCALE

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
RING TONGUE TERMINAL
INSULKRIMP, 200-SERIES
22-18 AWG

MOLEX INCORPORATED

MATERIAL NO.
SD-19070-003

DOCUMENT NO.
SD-19070-003

SHEET NO.
1 OF 1

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