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**Status:** **Active**

**Description:** RING INSULKRIMP TAPED (AA-220-06XT)

### 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                  | <u>19070</u>             |
| Crimp Quality Equipment | Yes                      |
| Mil-Spec                | N/A                      |
| Product Name            | InsulKrimp™              |
| Type                    | Ring                     |

## Physical

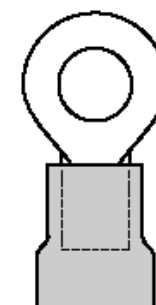
|                           |                       |
|---------------------------|-----------------------|
| Barrel Type               | Closed                |
| Flammability              | 94V-2                 |
| Insulation                | PVC                   |
| Material - Plating Mating | Tin                   |
| Packaging Type            | Adhesive Tape on Reel |
| Stud Size                 | 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-220-06XT

### 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**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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.



## China RoHS

### 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<br>MTA-100 Tape<br>Applicator used in<br>3BF Press, MTA-105<br>Tape Applicator used<br>in TM-2000™ Press,<br>and ATP-301 Air<br>Crimping Press for<br>Mylar Tape Mounted<br>Terminals | <u>0192880023</u> |
| Mini-Mac™<br>Applicator                                                                                                                                                                              | <u>0638851300</u> |

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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)      | .322/(8.18)  | .270/(6.86)  | .866/(22.00)  | .062/(1.57) | .028/(0.71)               |                 |
| E | 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)               |                 |
|   | 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)      | .544/(13.82) | .552/(14.02) | 1.259/(31.98) | .055/(1.40) | .031/(0.79)               |                 |
|   | I90700029       | AA-226-10X       | I90700030       | AA-226-10XT      | 10             | .198/(5.03)      |              |              |               |             |                           |                 |
| 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)      | .264/(6.70)  | .240/(6.10)  | .807/(20.50)  | .062/(1.57) | .028/(0.71)               |                 |
|   | 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)               |                 |
|   | I90700003       | AA-2111-04X      | I90700004       | AA-2111-04XT     | 4              | .119/(3.02)      |              |              |               |             |                           |                 |

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

SALES DRAWING

FIX NOMENCLATURE ERRORS

EC NO: WNA2010-0735  
DRAWN BY: THRODAHL  
CHKD: JMACNEIL  
APPR: JMACNEIL

2010/05/20  
2010/05/24  
2010/06/04

DESCRIPTION

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

DRAWN BY: DMYRICK  
DATE: 2005/7/22

CHECKED BY: HBEITZEL  
DATE: 2005/7/22

APPROVED BY: RDEROSS  
DATE: 2005/7/22

MATERIAL NO.

SEE CHART

SIZE: B

SCALE

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DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

©1

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

MOLEX INCORPORATED

DOCUMENT NO.  
SD-19070-003

SHEET NO.  
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