

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:	<u>0190700070</u>
Status:	Active
Description:	InsulKrimp™ Ring Tongue Terminal for 14-16 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	<u>19070</u>
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	InsulKrimp™
Type	Ring

Physical

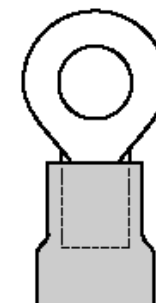
Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-2
Insulation	PVC
Material - Plating Mating	Tin
Packaging Type	Adhesive Tape on Reel
Stud Size	5-6 (M3-3.5)
Wire Insulation Diameter	4.40mm (.175") max.
Wire Size AWG	14, 16
Wire Size mm ²	1.30 - 2.00

Material Info

Old Part Number BB-223-06XT

Reference - Drawing Numbers

Product Specification	PS-19902-009
Sales Drawing	SD-19070-004



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

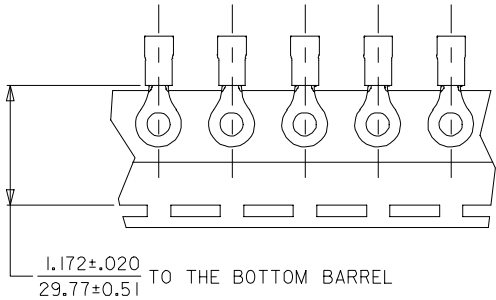
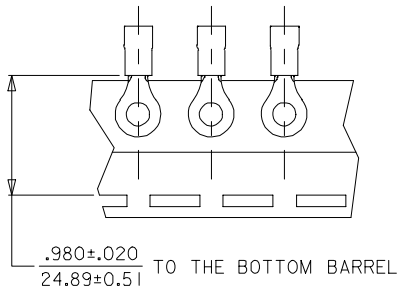
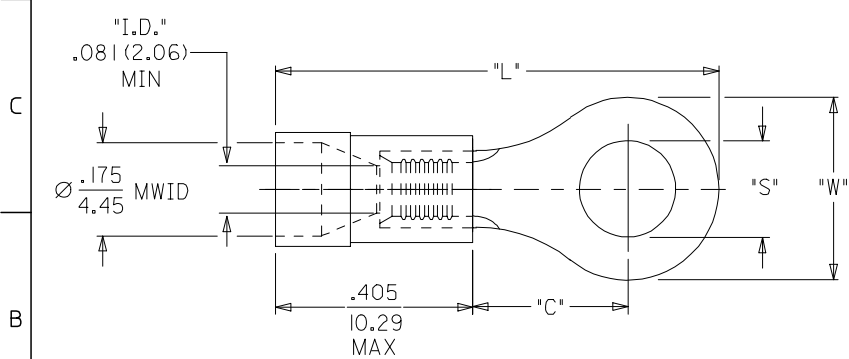
Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	<u>0192880123</u>
Mini-Mac™ Applicator	<u>0638850400</u>

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	10	9	8	7	6	5	4	3	2	19070
	MATERIAL NO. LOOSE PIECE	ENG. NO.	MATERIAL NO. TAPE MOUNTED	ENG. NO.	STUD SIZE	±.003 "S"	"W" MAX.	"C" MIN.	"L" MAX.	
F	I90700054	BB-218-10X	-----	-----	10	.198 (5.03)	.544 (13.82)	.535 (13.59)	1.261 (32.03)	
	I90700057	BB-218-14X	I90700058	BB-218-14XT	14	.265 (6.73)				
	I90700059	BB-218-38X	I90700061	BB-218-56XT	38	.390 (9.91)				
	I90700063	BB-218-56X	I90700064	BB-218-38XT	56	.328 (8.33)				
	I90700065	BB-223-02X	I90700066	BB-223-02XT	2	.094 (2.39)				
E	I90700067	BB-223-04X	I90700068	BB-223-04XT	4	.119 (3.02)	.260 (6.60)	.209 (5.31)	.785 (19.94)	
	I90700069	BB-223-06X	I90700070	BB-223-06XT	6	.146 (3.71)				
	I90700071	BB-223-08X	I90700072	BB-223-08XT	8	.173 (4.39)				
	I90700073	BB-225-10X	I90700074	BB-225-10XT	10	.198 (5.03)				
	I90700075	BB-225-14X	I90700076	BB-225-14XT	14	.265 (6.73)				
D	I90700078	BB-225-56X	I90700079	BB-225-56XT	56	.328 (8.33)	.477 (12.11)	.388 (9.86)	1.062 (26.97)	
	I90700081	BB-237-04X	I90700082	BB-237-04XT	4	.119 (3.02)				
	I90700083	BB-237-06X	I90700084	BB-237-06XT	6	.146 (3.71)				
	I90700086	BB-237-08X	I90700087	BB-237-08XT	8	.173 (4.39)				
	I90700090	BB-237-10X	I90700092	BB-237-10XT	10	.198 (5.03)				
	I90700097	BB-239-06X	I90700098	BB-239-06XT	6	.146 (3.71)				
	I90700099	BB-239-08X	I90700100	BB-239-08XT	8	.173 (4.39)	.352 (8.94)	.305 (7.75)	.921 (23.39)	
	I90700102	BB-239-10X	I90700104	BB-239-10XT	10	.198 (5.03)				

ENG. NO.
BB-218-**XT ONLY



SALES DRAWING

A	NOTE(S): 1. MATERIAL: COPPER (.031/0.79 THICK) PLATING: ELECTROPLATE TIN 2. FERRULE: TIN-PLATED BRASS 3. INSULATION: BLUE MOLDED PVC. 4. MWID=MAXIMUM WIRE INSULATION DIA. 5. ALL DIMENSIONS IN INCHES (MM). WIRE SIZE: 16-14 AWG 1.0 - 2.5 MM ²	CORRECTED TYPO'S EC NO: ETC2005-0067 DRWN:BENDERLE2004/10/04 CHKD:R DEROSS2004/10/04 APPR:RDEROSS 2004/10/05	QUALITY SYMBOLS DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SCALE NTS DESIGN UNITS INCH DIMENSION STYLE IN/MM DRAWN BY D.MYRICK DATE 04/06/15 CHECKED BY HBEITZEL DATE 04/06/15 APPROVED BY RDEROSS DATE 04/06/15 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	THIRD ANGLE PROJECTION REVISE ON CAD ONLY TITLE RING TONGUE TERMINAL INSULKRIMP 16-14 AWG MOLEX MOLEX INCORPORATED MATERIAL NO. SEE CHART DOCUMENT NO. SD-19070-004 SHEET NO. 1 OF 1	B