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Part Number: 0190700066
Status: Active
Description: RING INSULKRIMP TAPED (BB-223-02XT)

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

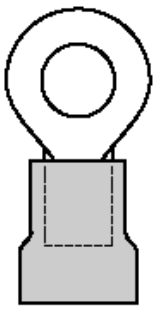
Barrel Type	Closed
Color - Resin	Natural
Flammability	94V-2
Insulation	PVC
Material - Plating Mating	Tin
Packaging Type	Adhesive Tape on Reel
Plating min: Mating (µin)	160
Plating min: Mating (µm)	4
Plating min: Termination (µin)	160
Plating min: Termination (µm)	4
Stud Size	1-2 (M2)
Wire Insulation Diameter	4.40mm (.175") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Material Info

Old Part Number	BB-223-02XT

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.

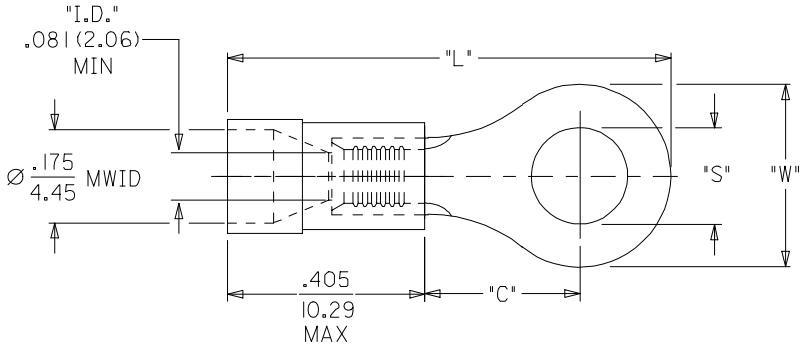
Global

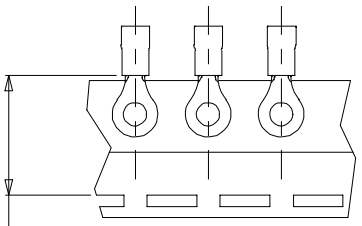
Description	Product #
Crimp Dies for MTA-100 Tape Applicator used in 3BF Press, MTA-105 Tape Applicator used in TM-2000™ Press, and ATP-301 Air Crimping Press for Mylar Tape Mounted Terminals	0192880123
Mini-Mac™ Applicator	0638850400

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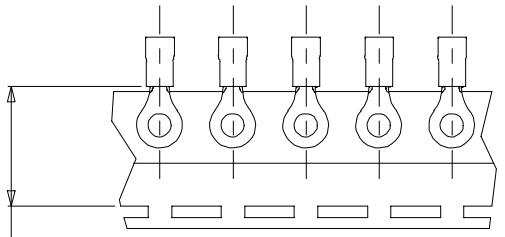
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

MATERIAL NO. LOOSE PIECE	ENG. NO.	MATERIAL NO. TAPE MOUNTED	ENG. NO.	STUD SIZE	±.003 "S"	"W" MAX.	"C" MIN.	"L" MAX.
190700054	BB-218-10X	---------	---------	10	.198 (5.03)	.544 (13.82)	.535 (13.59)	1.261 (32.03)
190700057	BB-218-14X	190700058	BB-218-14XT	14	.265 (6.73)			
190700059	BB-218-38X	190700061	BB-218-56XT (B1)	38	.390 (9.91)			
190700063	BB-218-56X	190700064	BB-218-38XT	56	.328 (8.33)			
190700065	BB-223-02X	190700066	BB-223-02XT	2	.094 (2.39)	.260 (6.60)	.209 (5.31)	.785 (19.94)
190700067	BB-223-04X	190700068	BB-223-04XT	4	.119 (3.02)			
190700069	BB-223-06X	190700070	BB-223-06XT	6	.146 (3.71)			
190700071	BB-223-08X	190700072	BB-223-08XT	8	.173 (4.39)			
190700073	BB-225-10X	190700074	BB-225-10XT	10	.198 (5.03)	.477 (12.11)	.388 (9.86)	1.062 (26.97)
190700075	BB-225-14X	190700076	BB-225-14XT	14	.265 (6.73)			
190700078	BB-225-56X	190700079	BB-225-56XT	56	.328 (8.33)			
190700081	BB-237-04X	190700082	BB-237-04XT	4	.119 (3.02)	.322 (8.18)	.275 (6.98)	.870 (22.10)
190700083	BB-237-06X	190700084	BB-237-06XT	6	.146 (3.71)			
190700086	BB-237-08X	190700087	BB-237-08XT	8	.173 (4.39)			
190700090	BB-237-10X	190700092	BB-237-10XT	10	.198 (5.03)			
190700097	BB-239-06X	190700098	BB-239-06XT	6	.146 (3.71)	.352 (8.94)	.305 (7.75)	.921 (23.39)
190700099	BB-239-08X	190700100	BB-239-08XT	8	.173 (4.39)			
190700102	BB-239-10X	190700104	BB-239-10XT	10	.198 (5.03)			





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



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 MM²

SALES DRAWING

CORRECTED TYPO'S
EC NO: EIC2005-0067
DRWN:BENDERLE2004/10/04
CH'KD:R DEROSS2004/10/04
APPR:RDEROSS 2004/10/05
DESCRIPTION
B1
REV

QUALITY SYMBOLS
▼ = 0
▽ (C) = 0

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
THIRD ANGLE PROJECTION
REVISE ON CAD ONLY

DRAWN BY: D.MYRICK — DATE: 04/06/15
CHECKED BY: HBEITZEL — DATE: 04/06/15
APPROVED BY: RDEROSS — DATE: 04/06/15

TITLE: RING TONGUE TERMINAL INSULKRIMP 16-14 AWG

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MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19070-004
SHEET NO.: 1 OF 1

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