

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

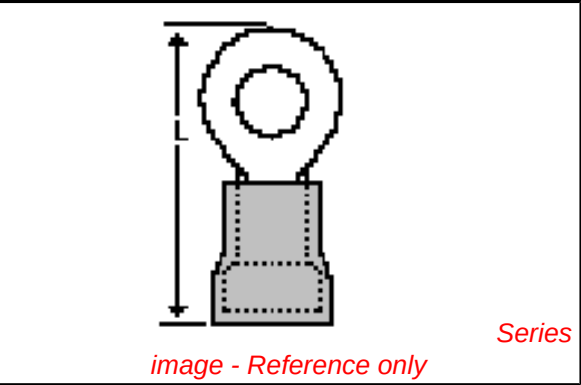
0190730066

Status:

Active

Description:

Avikrimp™ Ring Tongue Terminal for 14 to 16 AWG Wire, Stud Size 4, Length 20.32mm (.770"), Mylar Tape Carrier



Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR18689
UL	E32244
General	
Product Family	Ring and Spade Terminals
Series	19073
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	Avikrimp™
Type	Ring

Physical	
Barrel Type	Closed
Flammability	94V-0
Insulation	Nylon (PA)
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	4 (M2.6)
Wire Insulation Diameter	4.30mm (.170") max.
Wire Size AWG	14, 16
Wire Size mm²	1.00 - 2.60

Material Info	
Old Part Number	BB-823-04T

Reference - Drawing Numbers	
Sales Drawing	SD-19073-005

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

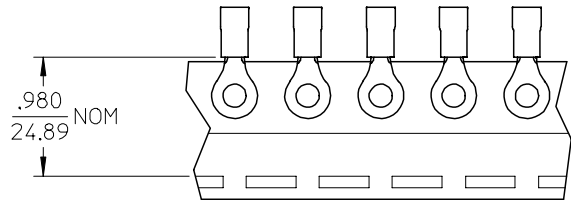
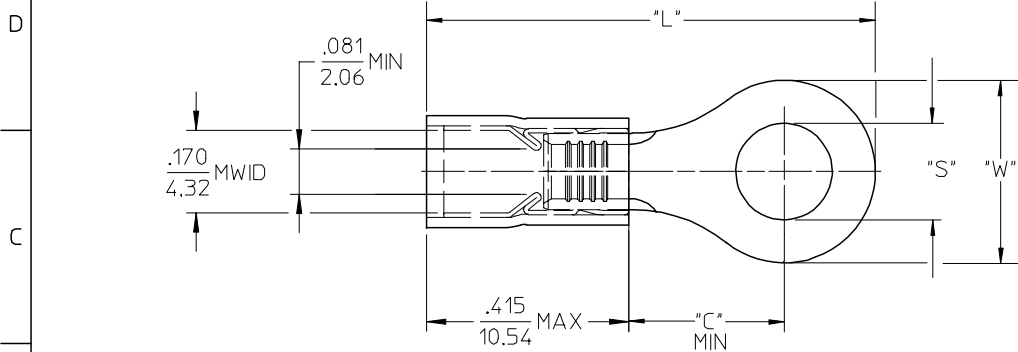
19073Series

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

This document was generated on 04/12/2010

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	10	9	8	7	6	5	4	3	2	19073	
	MATERIAL NUMBER	ENG. NO.	MATERIAL NUMBER TAPE MOUNTED	ENG. NO.	STUD SIZE	"S" ±.005	"W" MAX	"C" MIN	"L" MAX		
F	190730301	BB-818-14	190730058	BB-818-14T	14	.265 (6.73)	.544 (13.82)	.554 (14.07)	1.225 (31.12)		
	190730059	BB-818-38	190730060	BB-818-38T	38	.390 (9.91)					
	190730061	BB-818-56	190730062	BB-818-56T	56	.328 (8.33)					
E	190730065	BB-823-04	190730066	BB-823-04T	04	.119 (3.02)	.270 (6.86)	.209 (5.31)	.770 (20.32)		
	190730067	BB-823-06	190730070	BB-823-06T	06	.146 (3.71)					
	190730072	BB-823-08	190730073	BB-823-08T	08	.173 (4.39)	.477 (12.12)	.388 (9.86)	1.077 (27.36)		
	190730074	BB-825-10	190730075	BB-825-10T	10	.198 (5.03)					
	190730076	BB-825-14	190730077	BB-825-14T	14	.265 (6.73)					
	190730079	BB-825-56	190730080	BB-825-56T	56	.328 (8.33)					



SALES DRAWING

- NOTES:
1. MATERIAL: COPPER (.031/0.79) THICK PLATING: ELECTROPLATE TIN
 2. FERRULE: TIN-PLATED BRASS
 3. INSULATION: BLUE NYLON
 4. MWID=MAXIMUM WIRE INSULATION DIA.
 5. ALL DIMENSIONS IN INCHES (MM).
 6. WIRE SIZE: 16-14 AWG 1.0-2.5 MM²

EC NO: ETC2004-0167 DRWN:DMYRICK 2004/03/31 CHKD:HBEITZEL 2004/04/01 APPR:RDEROSS 2004/04/01	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY		
		 = 0  = 0		mm	INCH	DIMENSION STYLE IN/MM		TITLE RING TONGUE TERMINAL AVIKRIMP, 800-SERIES 16-14 AWG		MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	DRAWN BY DMYRICK	DATE 03/12/15				
			3 PLACES	± ---	± .005						
			2 PLACES	± 0.13	± .01	CHECKED BY HBEITZEL	DATE 03/12/15				
			1 PLACE	± 0.25	± ---						
		ANGULAR ± 1 °			APPROVED BY RDEROSS	DATE 03/12/15	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19073-005	SHEET NO. 1 OF 1		
		DRAFT WHERE APPLICABLE									
		MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
					B						