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Part Number: [0190730083](#)
Status: **Active**
Description: Avikrimp™ Ring Tongue Terminal for 14 to 16 AWG Wire, Stud Size 6, Length 22.48m (.885")

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19073
Comments	Type II Insulated; Class 1 and 2
Crimp Quality Equipment	Yes
Mil-Spec	AS25036-107, MS25036-107
Product Name	Avikrimp™
Type	Ring

Physical

Barrel Type	Closed
Flammability	94V-0
Insulation	Nylon (PA)
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	4.30mm (.170") max.
Wire Size AWG	14, 16
Wire Size mm²	1.30 - 2.00

Material Info

Old Part Number	BB-837-06
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Reference - Drawing Numbers

Sales Drawing	SD-19073-006
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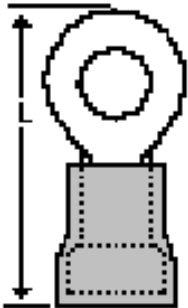


image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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](#)

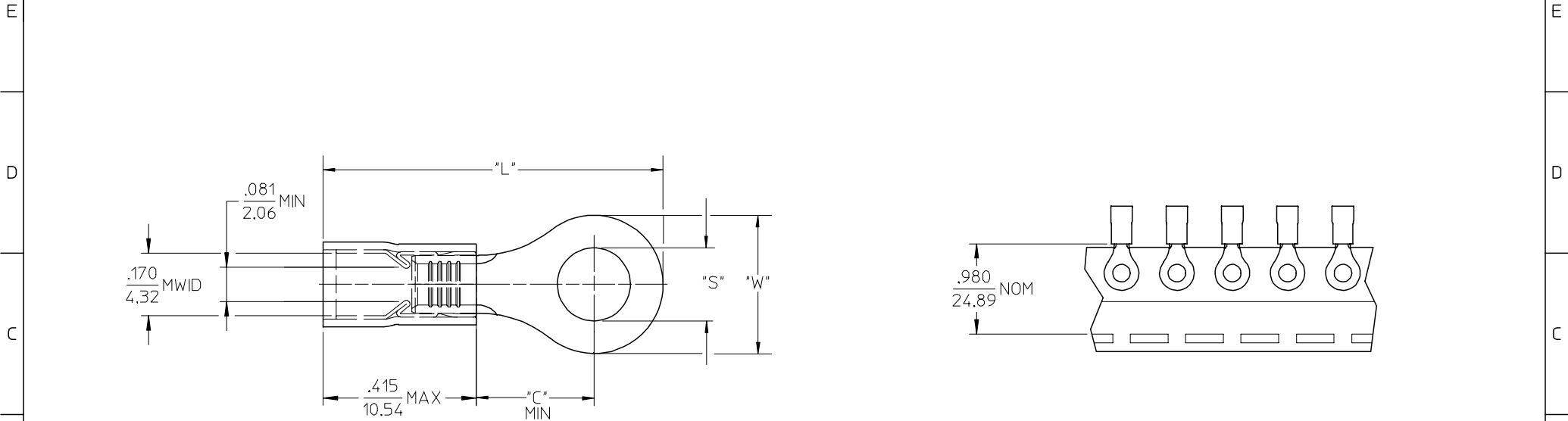
Please visit the [Contact Us](#) section for any non-product compliance questions.

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 #
Hand Crimp Tool	0640010100
Hand Crimp Tool	0640011400
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640051400

	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	190730081	BB-837-04	-----	-----	04	.119 (3.02)	.322 (8.18)	.285 (7.24)	.885 (22.48)	
	190730083	BB-837-06	190730084	BB-837-06T	06	.146 (3.71)				
	190730085	BB-837-08	190730086	BB-837-08T	08	.173 (4.39)				
	190730087	BB-837-10	190730088	BB-823-10T	10	.198 (5.03)				
E	190730302	BB-839-06	190730093	BB-839-06T	06	.146 (3.71)	.352 (8.94)	.310 (7.87)	.936 (23.77)	
	190730094	BB-839-08	190730096	BB-839-08T	08	.173 (4.39)				
	190730097	BB-839-10	190730099	BB-839-10T	10	.198 (5.03)				



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: ETC2004-0123 DRWN:DMYRICK 2004/01/05 CHKD:SBEITZEL 2004/01/05 APPR:RDEROSS 2004/01/06	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY		
		 = 0	mm	INCH	DIMENSION STYLE IN/MM		TITLE RING TONGUE TERMINAL AVIKRIMP, 800-SERIES 16-14 AWG			
			4 PLACES ± --- ± ---							
			3 PLACES ± --- ± .005	DRAWN BY DMYRICK	DATE 03/12/15	MOLEX INCORPORATED				
			2 PLACES ± 0.13 ± .01	CHECKED BY SBEITZEL	DATE 03/12/15					
			1 PLACE ± 0.25 ± ---							
		 = 0	ANGULAR ± 1 °		APPROVED BY RDEROSS	DATE 03/12/15	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-19073-006	SHEET NO. 1 OF 1	
B	REV	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				