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Part Number: [0191640083](#)
Status: **Active**
Description: Perma-Seal™ Ring Tongue Terminal for 8 AWG Wire, Stud Size 5/16

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

Agency Certification

CSA	LR18689
UL	E32244

General

Product Family	Ring and Spade Terminals
Series	19164
Crimp Quality Equipment	Yes
Mil-Spec	N/A
Product Name	Perma-Seal™
Type	Ring

Physical

Barrel Type	Closed
Flammability	94V-0
Insulation	NiAc™
Material - Plating Mating	Tin
Packaging Type	Bag
Stud Size	5/16" (M8)
Wire Insulation Diameter	9.53mm (.375")
Wire Size AWG	8
Wire Size mm²	7.96

Material Info

Old Part Number	SD-651-56
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Reference - Drawing Numbers

Sales Drawing	SD-19164-023
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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](#)

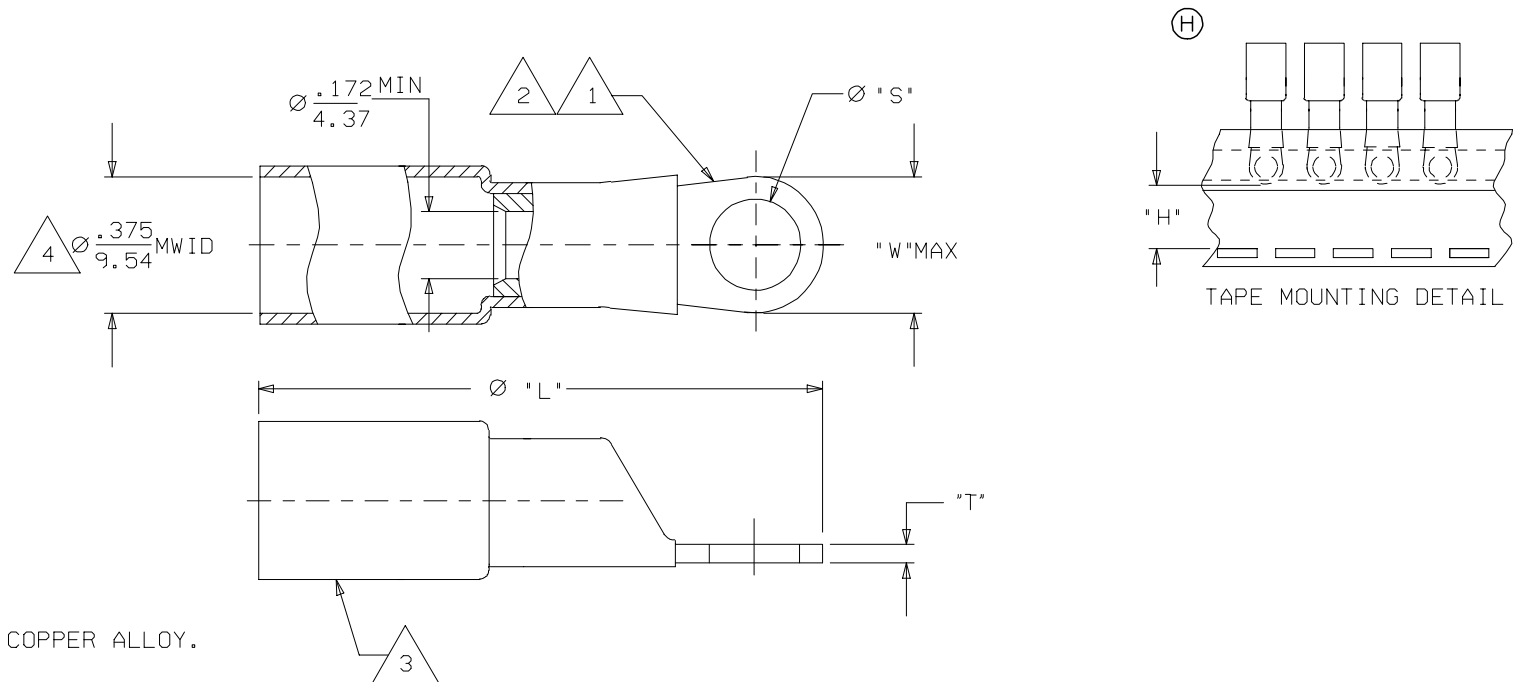
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[19164Series](#)

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	0640013900
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640050100
Crimp Head for the AT-200™ Pneumatic Hand Tool	0640055400

	10	9	8	7	6	5	4	3	2	19164	
F	MATERIAL NUMBER	ENGINEERING NUMBER	MATERIAL NUMBER ON TAPE	ENGINEERING NUMBER ON TAPE	"L" MAX	"S" ± .010 (0.25)	"W" MAX	"H" ± .010 (0.25)	"T" REF		F
	191640889	SD-656-08	N/A	N/A	1.60 (40.6)	.173 (4.39)	.38 (9.7)	N/A	.045/1.14		
	191640080	SD-656-10	N/A	N/A	1.60 (40.6)	.214 (5.44)	.38 (9.7)	N/A	.045/1.14		
	191640081	SD-651-14	191640603	SD-651-14T	1.79 (45.5)	.280 (7.11)	.60 (15.2)	.348 (8.84)	.045/1.14		
	191640083	SD-651-56	191640605	SD-651-56T	1.79 (45.5)	.343 (8.71)	.60 (15.2)	.348 (8.84)	.045/1.14		
	191640082	SD-652-38	N/A	N/A	2.05 (51.1)	.405 (10.29)	.82 (20.8)	N/A	.050/1.27		
	191640839	SD-652-76	N/A	N/A	2.05 (52.1)	.468 (11.89)	.82 (20.8)	N/A	.050/1.27		
	191640457	SD-652-12	N/A	N/A	2.05 (52.1)	.530 (13.46)	.82 (20.8)	N/A	.050/1.27		



NOTE(S) :

1. TERMINAL MATERIAL: COPPER ALLOY.
2. FINISH: ELECTRO TIN PLATE.
3. INSULATION MATERIAL: HEAT SHRINKABLE TUBING WITH HOTMELT ASHESIVE INNER LINER. COLOR: RED.
4. MWID - MAXIMUM WIRE INSULATION DIAMETER.
5. ASSEMBLY IS ROHS COMPLIANT.

CHARTED DIM. T & ADDED ROHS EC NO: ET2007-0019 DRWN:HEILE 2007/08/22 CHKD: MACNEIL 2007/09/11 APPR: MACNEIL 2007/09/19	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION 		
		mm	INCH	DRAWN BY	DATE	TITLE	RING TONGUE TERMINAL PERMA-SEAL SD-600-SERIES 8 AWG			
		4 PLACES	± --- ± ---	R DEROSS	2005/01/04					
		3 PLACES	± --- ± ---	CHECKED BY	DATE					
		2 PLACES	± --- ± ---	R DEROSS	2005/01/04		MOLEX INCORPORATED 			
		1 PLACE	± --- ± ---	APPROVED BY	DATE					
		ANGULAR ± --- °		R DEROSS	2005/01/04	DOCUMENT NO.		SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SD-19164-023		1 OF 1		
				SIZE B		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				