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Part Number: 0190850005
Status: Active
Description: Open Barrel Ring , Tin-Plated Brass, for 14-18 AWG Wire, Stud Size 8 (M4)

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-19902-006 \(PDF\)](#)

Agency Certification

CSA LR18689
UL E32244

General

Product Family Ring and Spade Terminals
Series 19085
Crimp Quality Equipment Yes
Mil-Spec N/A
Product Name N/A
Type Ring

Physical

Barrel Type Open
Insulation None
Material - Plating Mating Tin
Packaging Type Reel
Plating min: Mating (µin) 200
Plating min: Mating (µm) 5
Plating min: Termination (µin) 200
Plating min: Termination (µm) 5
Stud Size 8 (M4)
Temperature Range - Operating 149°C
Termination Interface: Style Crimp or Compression
Wire Insulation Diameter N/A
Wire Size AWG 14, 16, 18
Wire Size mm² 0.80 - 2.00

Electrical

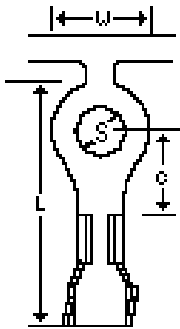
Voltage - Maximum 2000V

Material Info

Old Part Number RZ-4129-08

Reference - Drawing Numbers

Product Specification PS-19902-006
Sales Drawing SD-19085-002



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

19085Series

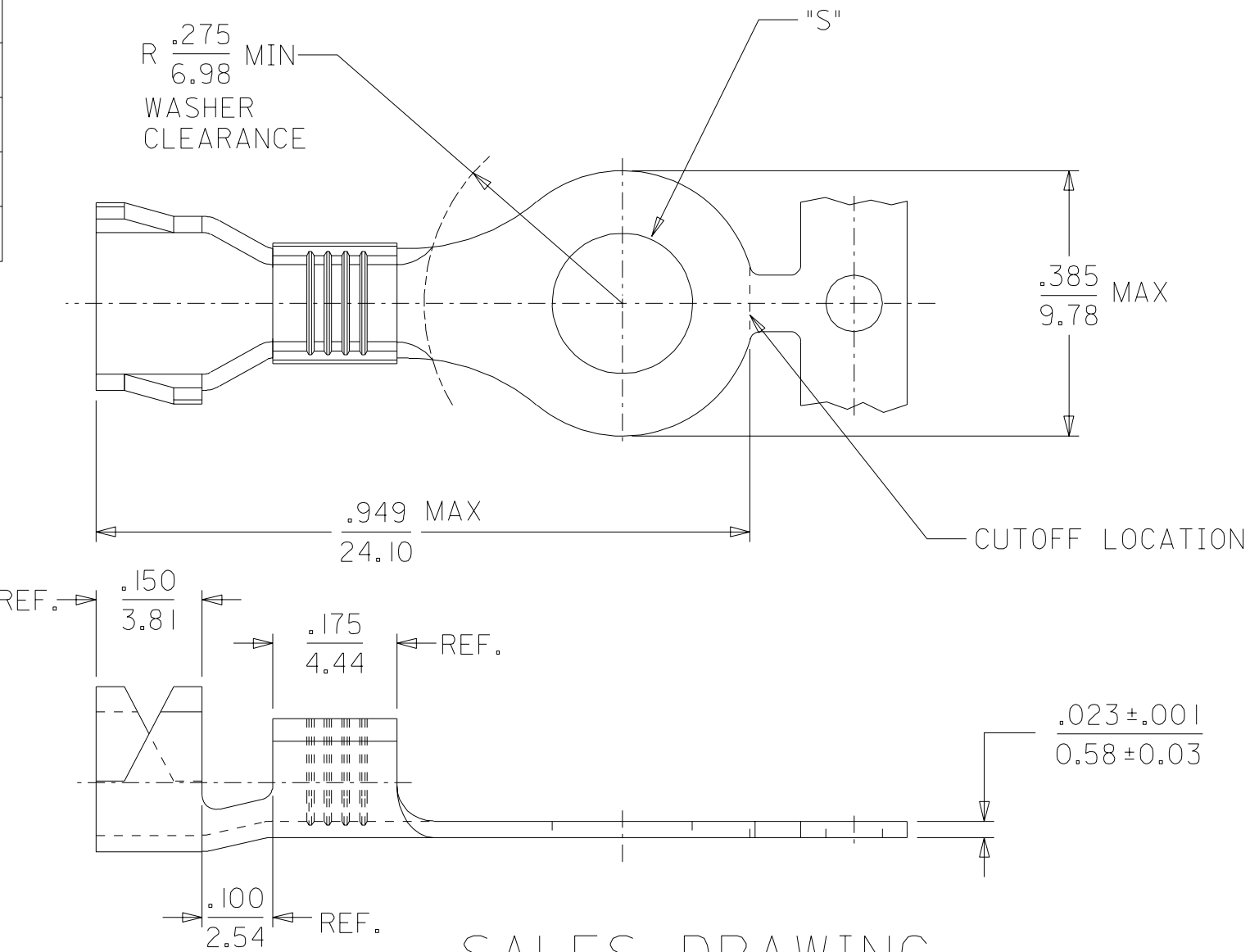
Application Tooling | FAQ

*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 #
ASP Perishable	0190290053
Tool Kit used in ASP presses that process metal strip product	
Mini-Mac™	0638815600
Applicator	

MATERIAL NUMBER	ENGINEERING NUMBER	STUD SIZE "S" ±.010/.(0.25)	MATERIAL	PLATING
I90850001	I9085-0001	#6 = .146/(3.71)	BRASS	NONE
I90850002	I9085-0002	#8 = .173/(4.39)	BRASS	NONE
I90850003	I9085-0003	#10 = .198/(5.03)	BRASS	NONE
I90850004	RZ-4129-06	#6 = .146/(3.71)	BRASS	TIN
I90850005	RZ-4129-08	#8 = .173/(4.39)	BRASS	TIN
I90850006	RZ-4129-10	#10 = .198/(5.03)	BRASS	TIN
I90850007	RZ-S-4129-06	#6 = .146/(3.71)	STEEL	TIN
I90850008	RZ-S-4129-08	#8 = .173/(4.39)	STEEL	TIN
I90850009	RZ-S-4129-10	#10 = .198/(5.03)	STEEL	TIN



- NOTES:
- 1. MATERIAL: SEE CHART.
 - 2. PLATING: SEE CHART.
 - 3. WIRE RANGE: 18-14 AWG/1.3-2.6 MM.²

WAS CD-4116 EC NO. ETC2002-0287 DRWN: BRE 02/04/10 CHK: HEB 02/04/10 APPR: RWD 02/04/10	DESCRIPTION	QUALITY SYMBOLS MAJOR = 0 CRITICAL = 0	GENERAL TOLERANCES: (UNLESS SPECIFIED)		SCALE NO: NE	DESIGN UNITS ☐ mm ☒ INCH	THIRD ANGLE PROJECTION	DIMENSIONS: ☐ mm ☒ INCH ☐ mm ONLY	SHT	REV		
			4 PLACES ±0. ±.	mm	INCH	DRAWN BY & DATE BRE 02/04/02			TITLE: VIBRAKRIMP STRIP RING TONGUE TERMINAL			
			3 PLACES ±0. ±.	mm	INCH	CHECKED BY & DATE HEB 02/04/02						
			2 PLACES ±0. ±.	mm	INCH	APPROVED BY & DATE RWD 02/04/02						
1 PLACE ±0. ±.			ANGULAR: ± 1/2 °		CAD FILENAME SD-19085-002 .DGN		MATERIAL NO. SEE CHART			DRAWING NO. SD-19085-002		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.					SIZE B				