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Part Number: [0190850003](#)
Status: **Active**
Description: Open Barrel Ring , Brass, for 14-18 AWG Wire, Stud Size 10

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
Stud Size	10 (M5)
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

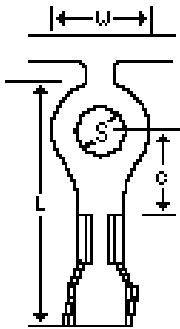
Voltage - Maximum	2000V
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Material Info

Old Part Number	RZ-0129-10
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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
Contains SVHC: No
Halogen-Free
Status

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](#)

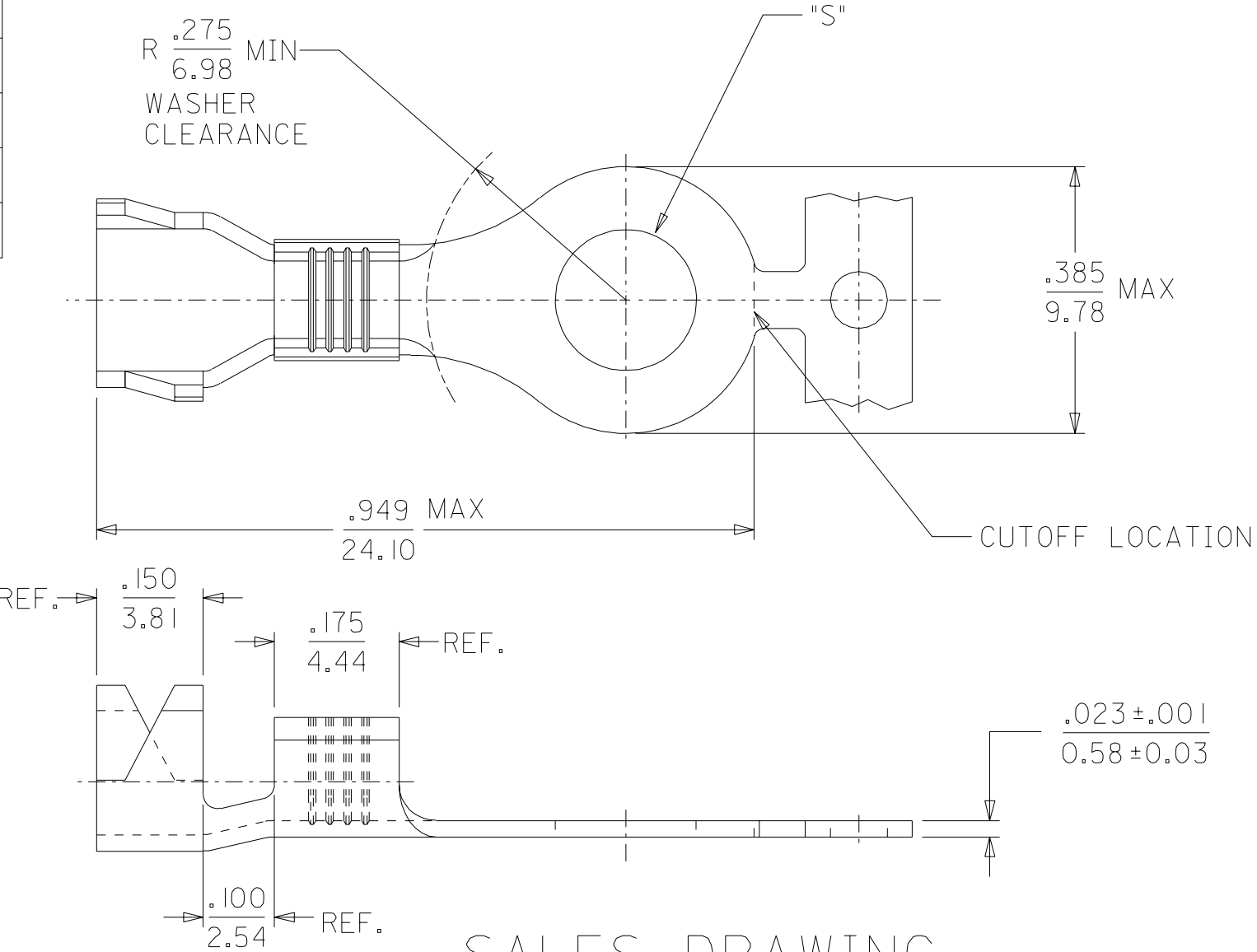
Application Tooling | FAQ

*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™ Applicator	0638815600

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		MOLEX INCORPORATED			
			2 PLACES ±0. ±.	mm	INCH	APPROVED BY & DATE RWD 02/04/02		MATERIAL NO. SEE CHART DRAWING NO. SD-19085-002 SHEET NO. 1 OF 1			
1 PLACE ±0. ±.		mm	INCH	CAD FILENAME SD-19085-002 .DGN		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				SIZE B	
ANGULAR: ± 1/2 °			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								