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Part Number: [0191640007](#)
Status: **Active**
Description: Perma-Seal™ Spade Tongue Terminal for 18-22 AWG Wire, Stud Size 8

Agency Certification

CSA LR18689
UL E32244

General

Product Family Ring and Spade Terminals
Series [19164](#)
Crimp Quality Equipment Yes
Mil-Spec N/A
MolexKits Yes
Product Name Perma-Seal™
Type Spade

Physical

Barrel Type Closed
Flammability 94V-2
Insulation NiAc™
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 8 (M4)
Wire Insulation Diameter 5.97mm (.235")
Wire Size AWG 18, 20, 22
Wire Size mm² 0.38 - 0.96

Material Info

Old Part Number SA-235-08

Reference - Drawing Numbers

Sales Drawing SD-19164-025

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

[19164Series](#)

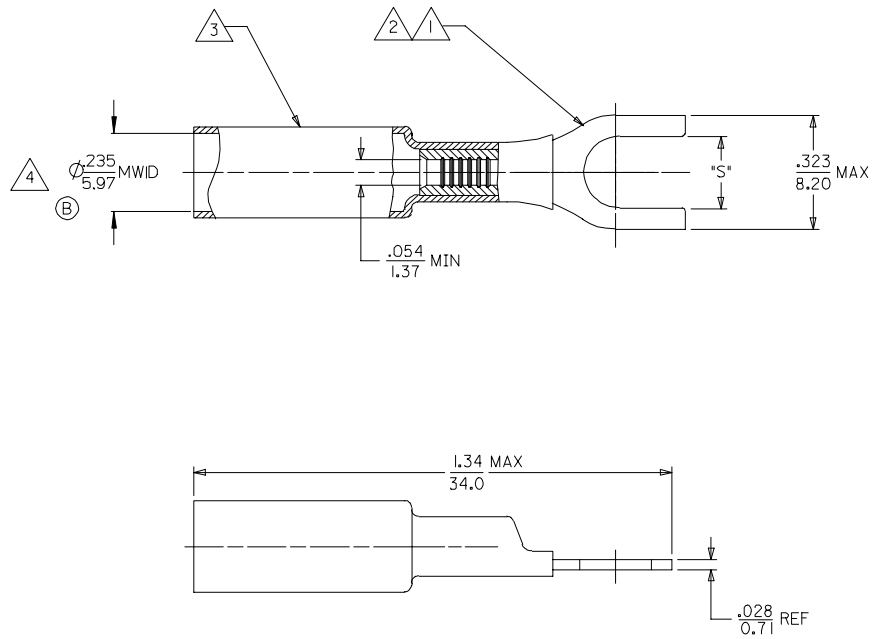
Application Tooling | FAQ

*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 #
Power Crimp Tool	0640057400
Head for Prema-Seal™ Terminals	
10-22 AWG	
Hand Crimp Tool, UL	0640017400
Approved	

MATERIAL NUMBER	ENGINEERING NUMBER	STUD SIZE	SLOT "S" ±.010 ±0.25
191640006	SA-235-06	#6	Ø.146/3.71
191640007	SA-235-08	#8	Ø.173/.439
191640008	SA-235-10	#10	Ø.198/5.03



NOTES:

1. TERMINAL MATERIAL: COPPER ALLOY
2. FINISH: ELECTRO TIN PLATE.
3. INSULATION MATERIAL: HEAT SHRINKABLE TUBING WITH HOTMELT ADHESIVE INNER LINER. COLOR: RED.
4. MWID = MAXIMUM WIRE INSULATION DIAMETER.

SALES DRAWING

QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
				IN/MM		---	INCH		
=0		mm		INCH		DRAWN BY		DATE	
=0		±---		±---		ASAYDEH		05/12/13	
		4 PLACES		±---		CHECKED BY		DATE	
		3 PLACES		±---		JLOMASTRO		05/12/13	
		2 PLACES		±---		APPROVED BY		DATE	
		1 PLACE		±---		RDEROSS		05/12/13	
		ANGULAR		±---°		MATERIAL NO.		DOCUMENT NO.	
		DRAFT WHERE APPLICABLE		MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-19164-025	
		SIZE		C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 1	