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Part Number: 0191640069
Status: Active
Description: Perma-Seal™ Spade Tongue Terminal for 10-12 AWG Wire, Stud Size 6

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	6 (M3.5)
Wire Insulation Diameter	7.87mm (.310")
Wire Size AWG	10, 12
Wire Size mm²	3.09 - 5.01

Material Info

Old Part Number	SC-241-06

Reference - Drawing Numbers

Sales Drawing	SD-19164-048

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.

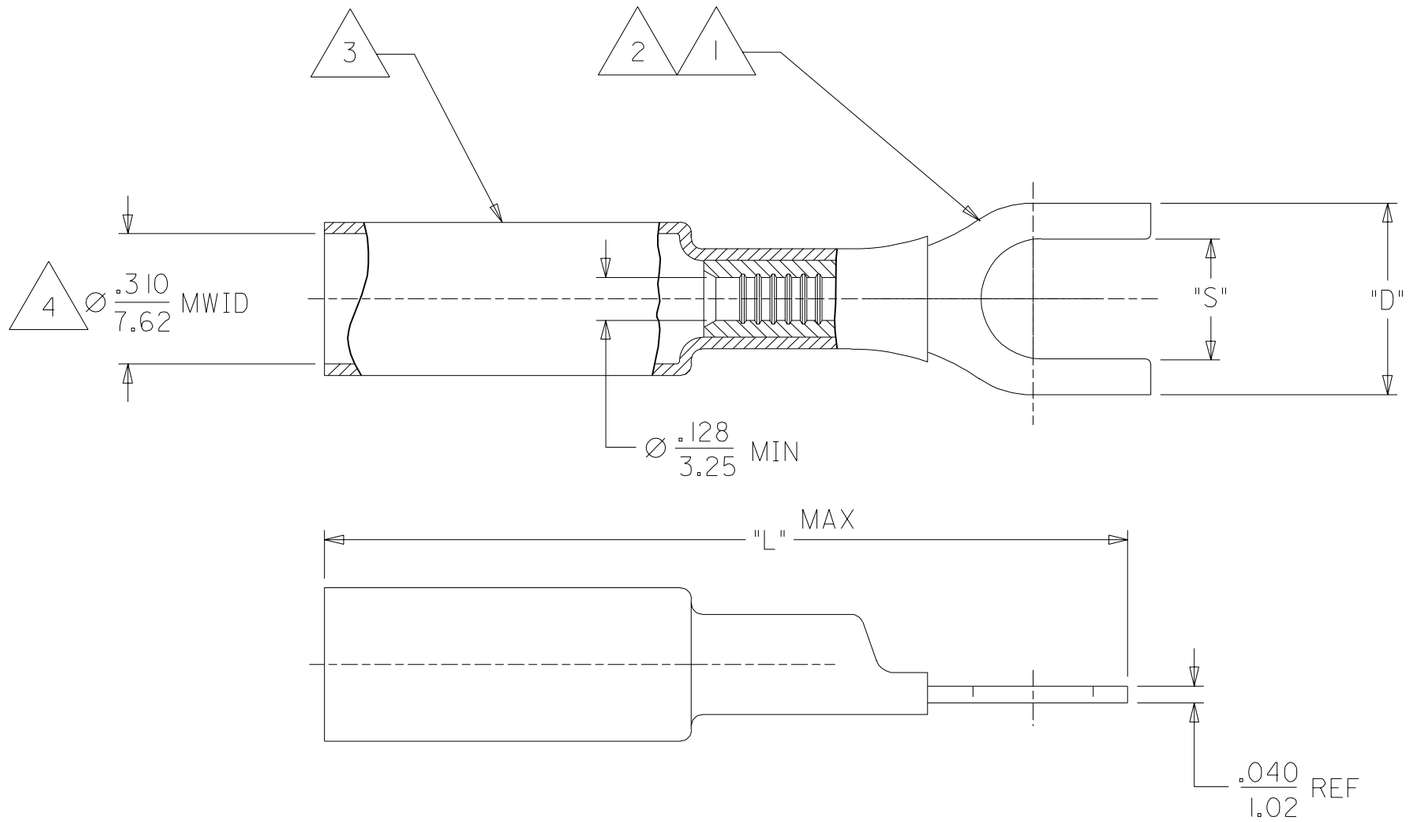
Global

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

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MATERIAL NUMBER	ENGINEERING NUMBER	STUD SIZE	SLOT "S" ±.010 / ±0.25	"D" MAX	"L" MAX
191640069	SC-241-06	#6	.146/3.71	.39/9.9	1.39/35.3
191640070	SC-241-08	#8	.173/439	.39/9.9	1.39/35.3
191640072	SC-268-10	#10	.198/5.03	.54/13.7	1.57/39.9
191640073	SC-268-14	1/4	.265/6.73	.54/13.7	1.57/39.9



NOTES:

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

SALES DRAWING

REV	DESCRIPTION	EC NO.	DRWN	CH'K	APPR
A	NEW RELEASE	ETC2003-0079	BRE 02/12/19	HEB 02/12/19	RWD 02/12/19

QUALITY SYMBOLS: MAJOR ▽=0; CRITICAL (C)▽=0

GENERAL TOLERANCES: (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	±0.	±.
3 PLACES	±0.	±.
2 PLACES	±0.	±.
1 PLACE	±0.	±.
ANGULAR: ±	°	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

SCALE NO:NE | DESIGN UNITS ☐mm ☒INCH | THIRD ANGLE PROJECTION | DIMENSIONS: ☐mm/INCH ☒INCH/mm ☐mm ONLY | SHT | REV: REVISE ON CAD ONLY

DRAWN BY & DATE: BRE 02/08/20

CHECKED BY & DATE: HEB 02/08/20

APPROVED BY & DATE: RWD 02/08/20

TITLE: SPADE TERMINAL PERMA-SEAL 10-12 AWG

MOLEX INCORPORATED

CAD FILENAME: SD-19164-048.DGN | MATERIAL NO.: SEE CHART | DRAWING NO.: SD-19164-048 | SHEET NO.: 1 OF 1

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SIZE B