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Part Number: 0191640029
Status: Active
Description: Perma-Seal™ Spade Tongue Terminal for 14-16 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	14, 16
Wire Size mm²	1.23 - 1.94

Material Info

Old Part Number	SB-227-08

Reference - Drawing Numbers

Sales Drawing	SD-19164-027

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.

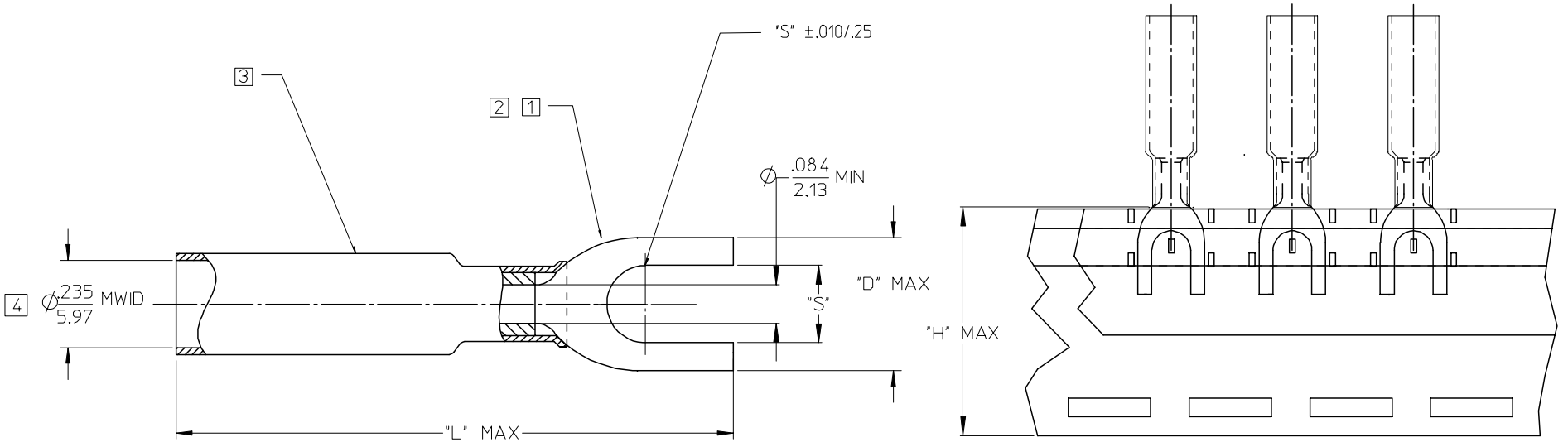
Global

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 LOOSE PC.	ENGINEERING NUMBER LOOSE PC.	MATERIAL NUMBER ON TAPE	ENGINEERING NUMBER ON TAPE	STUD SIZE	STUD HOLE SIZE "S" ±.005/.13	"D"	"H"	"L"
191640028	SB-227-06	191640948	SB-227-06T	#06	Ø.146/3.71	.37/9.4	.990/25.15	1.42/36.1
191640029	SB-227-08	191640949	SB-227-08T	#08	Ø.173/4.39	.40/10.2	.990/25.15	1.42/36.1
191640030	SB-227-10	191640950	SB-227-10T	#10	Ø.198/5.03	.40/10.2	.990/25.15	1.42/36.1



NOTES:
1. TERMINAL MATERIAL: COPPER ALLOY .031/0.79 THK.
2. FINISH: ELECTRO TIN PLATE.
3. INSULATION MATERIAL: PERMA-SEAL SHRINKABLE TUBING WITH HOT-MELT ADHESIVE INNER LINER. COLOR: BLUE.
4. MWID = MAXIMUM WIRE INSULATION DIAMETER.

PROPOSED
EC NO:
DRWN: LSHADECK 2005/06/28
CH'KD: RDEROSS 2005/07/21
APPR: JPAWLICK 2005/07/21
DESCRIPTION
REV

QUALITY SYMBOLS
▼ = 0
▽ = 0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ± .5 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: INCH
THIRD ANGLE PROJECTION

DRAWN BY	BE	DATE 02/09/03
CHECKED BY	HB	DATE 02/09/03
APPROVED BY	RD	DATE 02/09/03

TITLE: PERMA-SEAL TERMINAL SPADE TERMINAL 16-14 AWG TAPE MOUNTED

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-19164-027
SHEET NO.: 1 OF 1
SIZE: B

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