5645518-1 ✔ ACTIVE

TE Internal #: 5645518-1

Pin Sockets, Socket Length 5.23 mm [.206 in], PCB Hole Diameter . 075 in [1.91 mm], Closed Bottom, .653 – .823 mm² Wire Size, 19 – 18 AWG Wire Size

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 6.5A



Socket Length: **5.23 mm [.206 in]**

PCB Hole Diameter: **1.91 mm [.075 in]**

Socket Sleeve Style: **Closed Bottom**

Wire Size: **.653 – .823 mm²**

All Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 6.5A (10)

Features

Product Type Features

Socket Sleeve Style	Closed Bottom
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Body Features

Sleeve Material	Copper
Sleeve Plating Material	Tin

Contact Features

	30 µin
Contact Spring Plating Material	Gold
Contact Mating Area Plating Material Thickness	30 µm[30 µin]
Contact Base Material	Beryllium Copper

Contact Current Rating (Max)	6.5 A

Termination Features

Insertion Method	Hand/Semi-Automatic/Automatic
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Method to Wire & Cable	Solder

Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	5.23 mm[.206 in]
PCB Hole Diameter	1.91 mm[.075 in]
Wire Size	.653 – .823 mm²
Mating Pin Diameter Range	.96 – 1.07 mm[.038 – .042 in]

Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Solder Process Feature	None
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	50000
Packaging Method	Reel

Other

Spring Material	Beryllium Copper

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC

	Free
Solder Process Capability	Pin-in-Paste capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Customers Also Bought



TE Part #2110759-1
PT CONN ASSY 20 POS 16G SFP



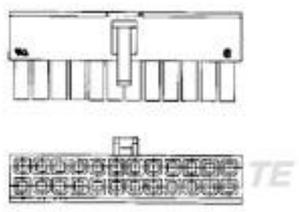
TE Part #4-1676966-9
SMW2 10R 5%



TE Part #2176057-8
RLP73V 3A R020 1% 1K RL



TE Part #5-534998-5
10 MODIV VRT DR CE 100/125



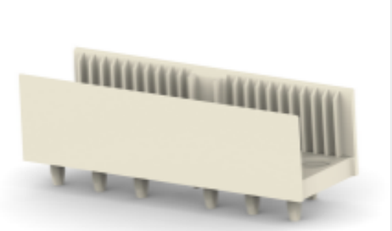
TE Part #794954-2
2P RCPT VAL-U-LOK V2



TE Part #1469265-2
UPM R/A KEYED GUIDE PIN



TE Part #5223986-2
UPM KEYED GUIDE MODULE



TE Part #100745-3
Z-PACK/L M-HSG 06P.



TE Part #2-1474612-4
FSP-11.25A-6

Documents

Product Drawings

MSS SER 4 SPL ON STRIP

English

CAD Files

Customer View Model

ENG_CVM_5645518-1_O1.3d_igs.zip

English

Customer View Model

ENG_CVM_5645518-1_O1.3d_stp.zip

English

Customer View Model

ENG_CVM_5645518-1_O1.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English