

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

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Sleeve Material	Copper
Sleeve Plating Material	Tin

Contact Features

	30 μ in
Contact Spring Plating Material	Gold
Contact Mating Area Plating Material Thickness	30 μ m[30 μ in]
Contact Base Material	Beryllium Copper

Contact Current Rating (Max)	6.5 A
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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 mm ²
Mating Pin Diameter Range	.96 - 1.07 mm [.038 - .042 in]

Usage Conditions

Operating Temperature Range	-65 - 125 °C [-85 - 257 °F]
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Operation/Application

Solder Process Feature	None
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	50000
Packaging Method	Reel

Other

Spring Material	Beryllium Copper
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

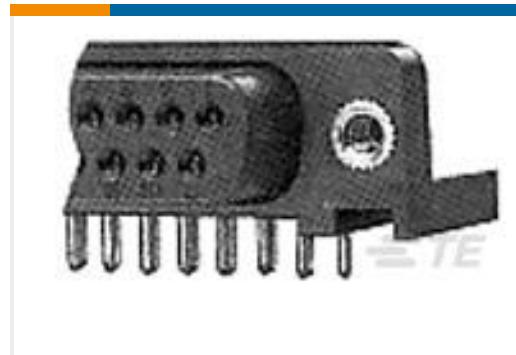
Product Compliance Disclaimer

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 # 5788796-2
 09 HTMSFL ASSY RA 318 (IN,BL)



TE Part # 87224-3
 03 MODII HDR SRST UNSHRD .100



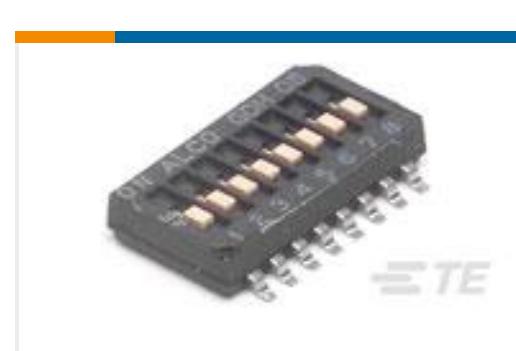
TE Part # 1-1469491-2
 MULTIGIG RT GUIDE PIN, 9MM 2.60



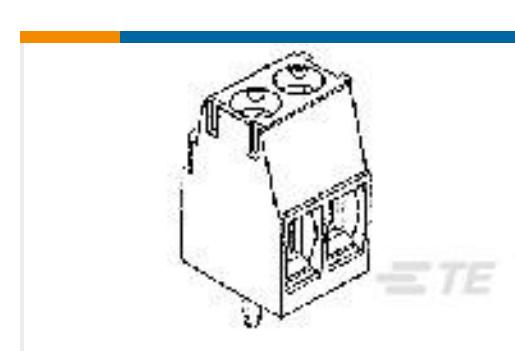
TE Part # 770997-1
 04P CMNL SOK HDR ASSY



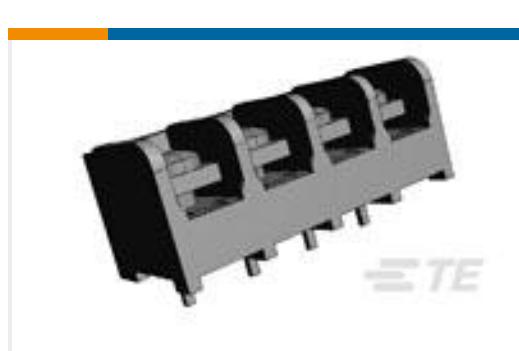
TE Part # 292303-9
 Std USB Type A, R/A, SMT, Offset, Natural



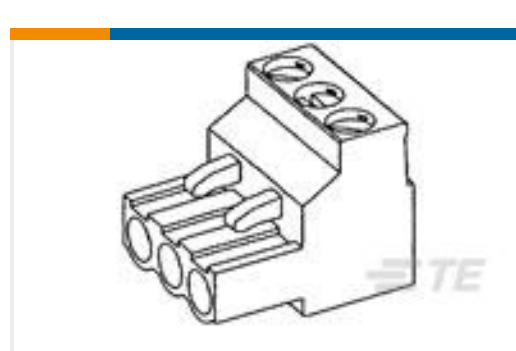
TE Part # 1-1571983-3
 GDH10S04=DIP SWITCH



TE Part # 284391-2
 TERMI-BLOK PCB SIDE ENTRY STAC



TE Part # 6-1437652-7
 6PCV-04-006=6PCV ASSEMBLY



TE Part # 796640-3
 3 POS 5.0 MM R/A PLUG, TRM BLK

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