



TE Internal #: 645952-1
Pin Sockets, Socket Length 4.67 mm [.184 in], PCB Hole Diameter .052 in [1.32 mm], Bullet Nose, .081 – .326 mm² Wire Size, 28 – 22 AWG Wire Size
[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Bullet Nose, Beryllium Copper, 4A



Socket Length: 4.67 mm [.184 in]
PCB Hole Diameter: 1.32 mm [.052 in]
Socket Sleeve Style: Bullet Nose
Wire Size: .081 – .326 mm²

[All Miniature Spring Sockets: Bullet Nose, Beryllium Copper, 4A \(14\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Socket Sleeve Style	Bullet Nose
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

Contact Spring Plating Material	Tin
Contact Spring Plating Thickness	3.81 µm[30 µin]
Contact Mating Area Plating Material Thickness	2.54 µm
Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	4 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
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Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	4.67 mm[.184 in]
PCB Hole Diameter	1.32 mm[.052 in]
Wire Size	.081 – .326 mm²
Mating Pin Diameter Range	.36 – .66 mm[.014 – .026 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	2000
Packaging Method	Bag, Loose Piece

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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

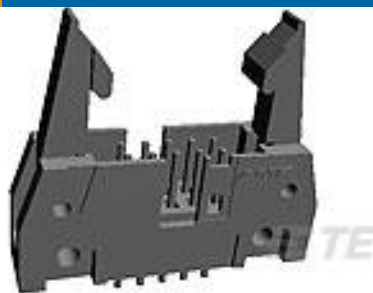
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts

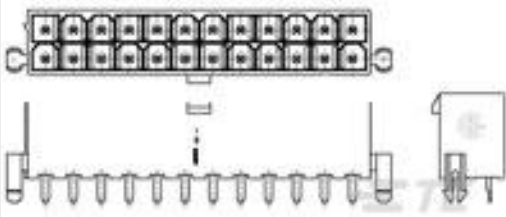


TE Part # 645952-2
SOCKET,MIN-SPR B-N SN-AU SER-2

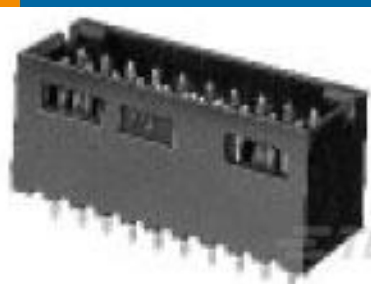
Customers Also Bought



TE Part #5499910-2
A/L UNIV HDR 14P VERT SHT LAT



TE Part #1586039-6
6P VAL-U-LOK VRT HDR W/P V2



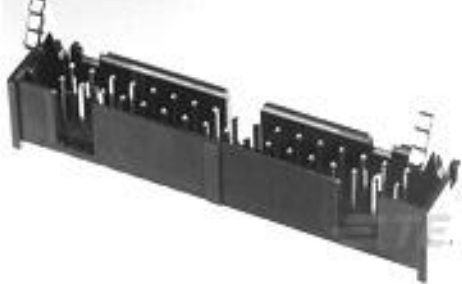
TE Part #6-103168-1
26 MODII HDR DRST SHRD .100CL



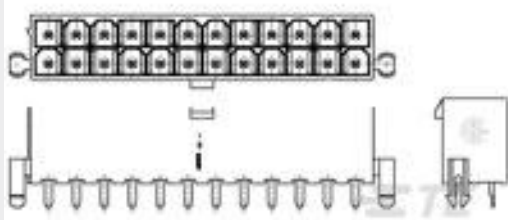
TE Part #4-794632-4
14P MICRO MNL ASSY,VRT,HDR,LF



TE Part #4-1393763-4
V23100V4505A000



TE Part #1-1761608-5
IDC LOW PRO HDR 50P VERT SHT L



TE Part #1586039-8
8P VAL-U-LOK VRT HDR W/P V2



TE Part #1571220-2
SWITCH,TACT,12X12,SEALD,W/POST



Documents

Product Drawings

SOCKET,MIN-SPR B-N SN-SN SER-2

English

CAD Files

Customer View Model

ENG_CVM_645952-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_645952-1_G.3d_stp.zip

English

Customer View Model

ENG_CVM_645952-1_G.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English