1-5645953-2 ✔ ACTIVE

TE Internal #: 1-5645953-2

4.01 mm [.158 in] Socket Length, 1.32 mm [.052 in] PCB Hole, Bullet Nose, .162 – .326 mm² Wire, 25 – 22 AWG, Cable-to-Board, Pin Sockets

View on TE.com >

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







Socket Length: **4.01 mm [.158 in]**

PCB Hole Diameter: **1.32 mm [.052 in]**

Socket Sleeve Style: **Bullet Nose**

Wire Size: **25 – 22 AWG**

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

Body Features

Sleeve Plating Material	Tin
Sleeve Material	Copper

Contact Features

Contact Spring Plating Material	Gold
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	30 µm[30 µin]
Contact Spring Plating Thickness	.762 µm[30 µin]

Contact Current Rating (Max)	4 A

Termination Features

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

Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	4.01 mm[.158 in]
PCB Hole Diameter	1.32 mm[.052 in]
Wire Size	25 – 22 AWG
Mating Pin Diameter Range	.51 – .66 mm[.02 – .026 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Anti-Flux
Circuit Application	Power & Signal

Packaging Features

Packaging Method	Reel
Packaging Quantity	10000

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 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

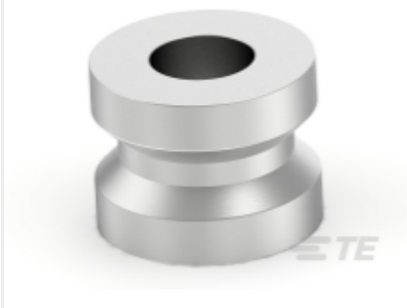


TE Part # 5645953-2
SOCKET,MIN-SPR B-N SN-AU SER-2

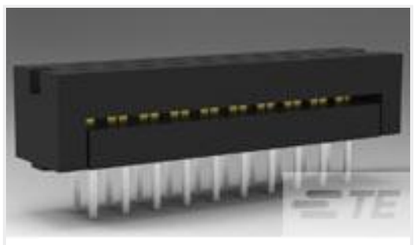


TE Part # 1-5645953-5
SOCKET,MIN-SPR B-N SN-AU SER-2

Customers Also Bought



TE Part #225858-E
POWELM BUCHSE * M5 4 * * SMD 7 SN * * J



TE Part #2-746610-3
024 DIP PLUG 100CL TIN



TE Part #1676678-2
RN 0805 27R4 0.1% 10PPM 1K RL



TE Part #2-1879208-9
CPF 0402 150R 0.1% 25PPM 1K RL



TE Part #8-1879215-6
CPF 0402 35K7 0.1% 25PPM 1K RL



TE Part #2176162-8
UPF25 0.1% 5PPM 350R



TE Part #1-2176231-9
3522 56R 1% 3W



TE Part #2205064-1
CA MICRO-MATCH MOW-MOW 12POS



TE Part #2474606-5
AV12 SPM 0.1A/24VDC Blue LED 12V



TE Part #1986712-5
SCREWLESS, SW,5P,5.08 PCB

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-5645953-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-5645953-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-5645953-2_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English