

1-5645502-1 ✓ ACTIVE



TE Internal #: 1-5645502-1

Pin Sockets, Socket Length 6.6 mm [.26 in], PCB Hole Diameter .069 in [1.75 mm], Bullet Nose, .653 mm² Wire Size, 19 AWG Wire Size, Cable-to-Board

[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Bullet Nose, Beryllium Copper, 6.5A



Socket Length: 6.6 mm [.26 in]

PCB Hole Diameter: 1.75 mm [.069 in]

Socket Sleeve Style: **Bullet Nose**

Wire Size: .653 mm²

[All Miniature Spring Sockets: Bullet Nose, Beryllium Copper, 6.5A \(4\)](#)

Features

Product Type Features

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

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 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
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Termination Features

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

PCB Thickness (Recommended)	.79 – 3.18 mm [.031 – .125 in]
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Socket Length	6.6 mm [.26 in]
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PCB Hole Diameter	1.75 mm [.069 in]
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Wire Size	.653 mm ²
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Mating Pin Diameter Range	.94 – 1.04 mm [.037 – .041 in]
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Usage Conditions

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

Solder Process Feature	None
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Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	10000
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Packaging Method	Carrier Tape, Reel
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC
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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 # 5645502-1
SKT MS S4 BN SN-AU 50M



TE Part # 1-5645502-2
SKT MS S4 BN SN-SN 10M

Documents

Product Drawings

SKT MS S4 BN SN-AU 10M

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-5645502-1_A_c-1-5645502-1-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-5645502-1_A_c-1-5645502-1-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-5645502-1_A_c-1-5645502-1-a.3d_stp.zip

English

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

Product Specifications

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Pin Sockets, Socket Length 6.6 mm [.26 in], PCB Hole Diameter .069 in [1.75 mm],
Bullet Nose, .653 mm² Wire Size, 19 AWG Wire Size, Cable-to-Board



Product Specification

English