



TE Internal #: 5645500-1  
6.6 mm [.26 in] Socket Length, 1.75 mm [.069 in] PCB Hole, Bullet  
Nose, .653 mm<sup>2</sup> Wire, 19 AWG, Cable-to-Board, Power & Signal,  
Pin Sockets  
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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: 19 AWG

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

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) | 6.5 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               | 6.6 mm [.26 in]                |
| PCB Hole Diameter           | 1.75 mm [.069 in]              |
| Wire Size                   | 19 AWG                         |
| Mating Pin Diameter Range   | .94 – 1.04 mm [.037 – .041 in] |

Usage Conditions

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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |                  |
|--------------------|------------------|
| Packaging Method   | Bag, Loose Piece |
| Packaging Quantity | 2000             |

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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 # 5645500-2  
SOCKET, MSS SER 4 BN SN-SN

Customers Also Bought

TE Part #8-34067-1  
PG BUTT SPLC 22-16COMM22-18MIL

TE Part #440055-5  
2.0MM,HDR,5POS,R/A

TE Part #776087-1  
23POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1

TE Part #3-1625890-8  
2W SM M/OX 5% 2K2

TE Part #2-1734248-0  
1.0 FPC, ZIF V/T, SMT, 20P

TE Part #1825289-8  
MHS23304=DP3T SL SW VERT AG

TE Part #1825966-1  
FSMCH=3.5 X 6.0 X 4.3 TACT SWITCH, HT

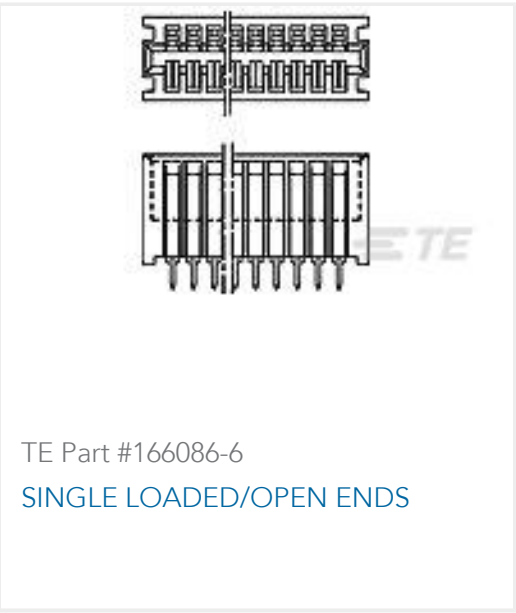
TE Part #2361492-2  
PCB Antenna,cable,MHF,698-2700MHz

5645500-1

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TE Part #5645980-1  
MSS LOOSE PIECE 5.5 TIN TIN



TE Part #166086-6  
SINGLE LOADED/OPEN ENDS

Documents

Product Drawings

SOCKET,MSS SER 4 BN SN AU

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_5645500-1\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5645500-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5645500-1\_A.3d\_stp.zip

English

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Product Specifications

Application Specification

English