

5645508-1  ACTIVE

TE Internal #: 5645508-1

Socket Length 5.23 mm [.206 in], PCB Hole Diameter 1.83 mm [.072 in], Closed Bottom, .653 mm<sup>2</sup> Wire, 19 AWG, Cable-to-Board, Pin Sockets

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Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 6.5A



Socket Length: **5.23 mm [.206 in]**

PCB Hole Diameter: **1.83 mm [.072 in]**

Socket Sleeve Style: **Closed Bottom**

Wire Size: **19 AWG**

[All Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 6.5A \(10\)](#)

## Features

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Termination Features

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

Sleeve Plating Material	Tin
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Sleeve Material	Copper
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### Packaging Features

Packaging Method	Loose Piece, Bag
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Packaging Quantity	2000
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### Other

Spring Material	Beryllium Copper
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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### Operation/Application

Solder Process Feature	None
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Circuit Application	Power & Signal
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### 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

### Product Type Features

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

### Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	5.23 mm [.206 in]
PCB Hole Diameter	1.83 mm [.072 in]
Wire Size	19 AWG
Mating Pin Diameter Range	.94 – 1.02 mm [.037 – .04 in]

### Usage Conditions

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

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 #1871058-4  
PCI EXPRESS CONN. EON TYPE, 16



TE Part #2-406541-2  
MJ,INV,1X1,6PNL G.,100"ST,SN,  
NARROW POST



TE Part #1934312-1  
TinMan Header Assy 4x10Double



TE Part #1888174-6  
Mini-SAS Rcpt Assy V w/ Shld T-H,36p



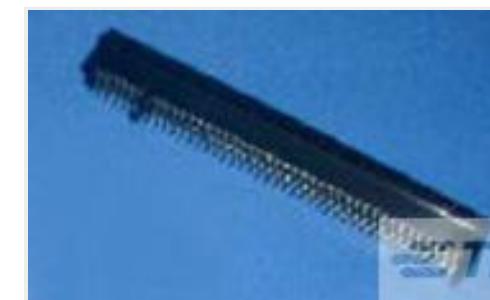
TE Part #1658050-2  
MSB0.80PL25ASY080FL,-F,-TY



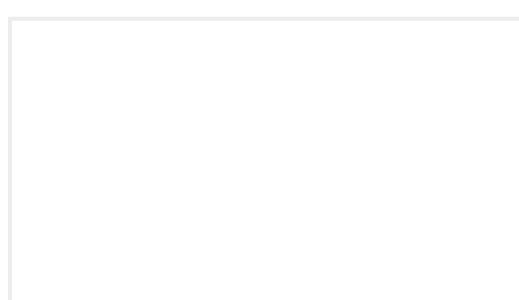
TE Part #2232247-1  
250 FASTON,REC.,16-10 AWG,BR



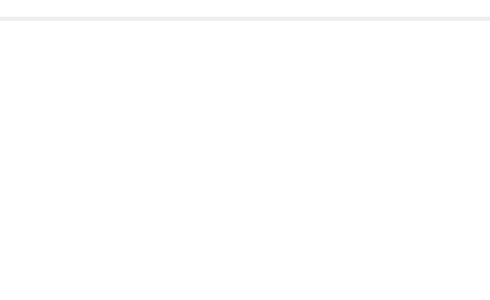
TE Part #1825008-3  
DRD16CRAE04=Rot Dip,R/A,w/comp



TE Part #1-1734774-4  
PCI EXP 3.1L 164 POS WHT 15u"



TE Part #2117092-1  
CA IBM 69Y5507 DISCRETE TTY(28)



TE Part #6450824-5  
MBXL VERT HDR STR 1P+8S+1P

## Documents

## Product Drawings

SKT, M.S.S. SER 4, SPL

English

## CAD Files

Customer View Model

[ENG\\_CVM\\_5645508-1\\_O1.3d\\_igs.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_5645508-1\\_O1.3d\\_stp.zip](#)

English

**Customer View Model**[ENG\\_CVM\\_5645508-1\\_O1.2d\\_dxf.zip](#)

English

**3D PDF**

English

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

### Product Specifications

[Product Specification](#)

English