

# 5645518-1 ✓ ACTIVE

TE Internal #: 5645518-1

Socket Length 5.23 mm [.206 in], PCB Hole Diameter 1.91 mm [.075 in], Closed Bottom, .653 – .823 mm<sup>2</sup> Wire Size, 19 – 18 AWG Wire Size, Pin Sockets

[View on TE.com >](#)



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



Socket Length: 5.23 mm [.206 in]

PCB Hole Diameter: 1.91 mm [.075 in]

Socket Sleeve Style: **Closed Bottom**

Wire Size: .653 – .823 mm<sup>2</sup>

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

## Features

### Contact Features

	30 μin
Contact Current Rating (Max)	6.5 A
Contact Spring Plating Material	Gold
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	30 μm[30 μin]

### Dimensions

Socket Length	5.23 mm[.206 in]
PCB Hole Diameter	1.91 mm[.075 in]
Wire Size	.653 – .823 mm <sup>2</sup>
Mating Pin Diameter Range	.96 – 1.07 mm[.038 – .042 in]
PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]

### Product Type Features

Socket Sleeve Style	Closed Bottom
Connector System	Cable-to-Board



Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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### Operation/Application

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

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

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Spring Material	Beryllium Copper
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### Configuration Features

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

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

Packaging Method	Reel
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Packaging Quantity	50000
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241)
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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

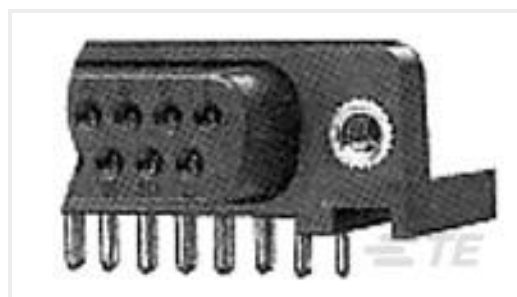
Product Compliance Disclaimer

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



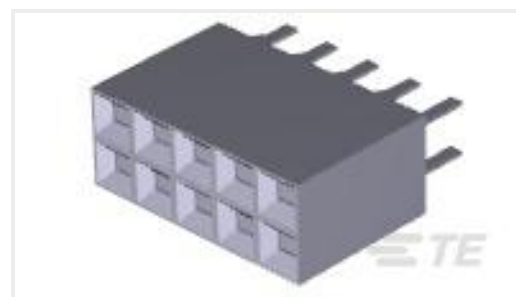
TE Part #5050865-5  
SOCKET,MIN-SPR SN-AU SER-4



TE Part #5788796-2  
09 HTMSFL ASSY RA 318 (IN,BL)



TE Part #1SNG607015R0000  
EP-LN-M32-BL-A



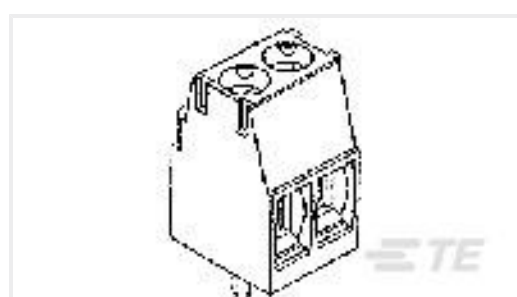
TE Part #5-534998-5  
10 MODIV VRT DR CE 100/125



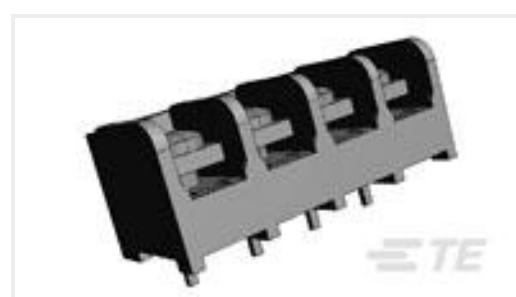
TE Part #770997-1  
04P CMNL SOK HDR ASSY



TE Part #292303-9  
Std USB Type A, R/A, SMT, Offset, Natural



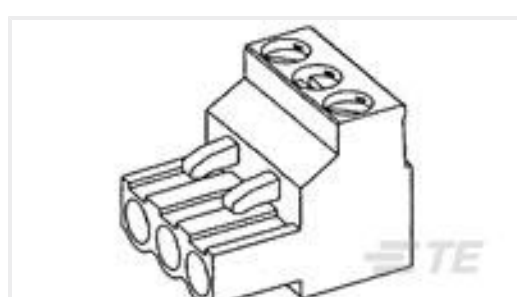
TE Part #284391-2  
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part #6-1437652-7  
6PCV-04-006=6PCV ASSEMBLY



TE Part #2110759-1  
PT CONN ASSY 20 POS 16G SFP



TE Part #796640-3  
3 POS 5.0 MM R/A PLUG,TRM BLK

### Documents



### Product Drawings

#### MSS SER 4 SPL ON STRIP

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_5645518-1\\_O1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5645518-1\\_O1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_5645518-1\\_O1.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

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### Product Specifications

#### Product Specification

English