



TE Internal #: 50865
Pin Sockets, Socket Length .26 in [6.6 mm], Hole Size
(Recommended) 1.83 mm [.072 in], None, Closed Bottom, 20 –
18AWG Wire Size
[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets > Mini Spring Sockets: Closed Bottom, 6.5A



Socket Length: 6.6 mm [.26 in]
Hole Size (Recommended): 1.83 mm [.072 in]
Solder Process Feature: None
Socket Sleeve Style: Closed Bottom
Wire Size: 20 – 18 AWG

[All Mini Spring Sockets: Closed Bottom, 6.5A \(12\)](#)

Features

Product Type Features

Socket Sleeve Style	Closed Bottom
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Wire/Cable Type	Discrete Wire
Profile	Zero
Product Type	Contact

Body Features

Sleeve Material	Copper
Sleeve Plating Material	Gold Flash over Nickel

Contact Features

Contact Spring Plating Material	Gold
Contact Spring Plating Thickness	.127 µm[30 µin]

Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	6.5 A
Socket Type	Discrete
Contact Transmits (Typical)	Signal (Data)/Power
Contact Mating Area Plating Thickness	30 μm[30 μin]
Contact Type	Socket

Termination Features

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

Dimensions

Socket Length	6.6 mm[.26 in]
Hole Size (Recommended)	1.83 mm[.072 in]
Wire Size	.518 – .823 mm²
Mating Pin Diameter Range	.86 – 1.04 mm[.034 – .041 in]
PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]

Usage Conditions

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

Solder Process Feature	None
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	2000
Packaging Method	Bag, Loose Piece

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
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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

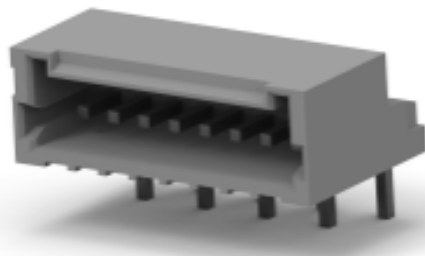
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

Compatible Parts

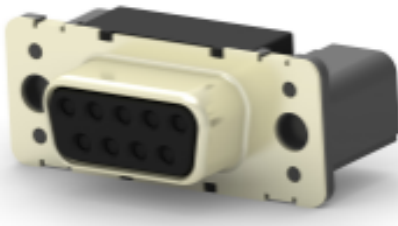


TE Part # CAT-377-MSSKB65A
Mini Spring Socket Knockout Bottom, 6.5A

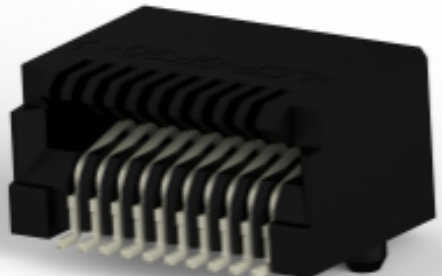
Customers Also Bought



TE Part #1-292207-9
MINI COMMON TERMINATION HEADERS



TE Part #1-1740194-2
D-Sub Receptacle Assy: Eurostyle, Right Angle, Surface Mount, 2.74mm



TE Part #1367645-6
SFP Connectors



TE Part #1735284-2
SATA BACKPLANE RECEPTACLE, VERTICAL, SMT



TE Part #1879208-3
CPF 0402 12R 0.1% 25PPM 1K RL



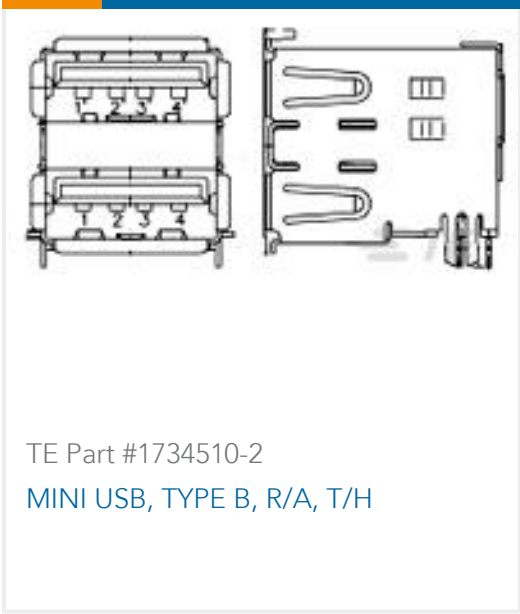
TE Part #826468-6
6P MOD II SHROUDED HEADER, RT ANG.



TE Part #1393117-8
KUP-1D55-24=KU



TE Part #178877-1
SCREWLOCK WITH SPRING WASHER



TE Part #1734510-2
MINI USB, TYPE B, R/A, T/H



TE Part #1721538-7
STD OEG Miniature PCB OJ/OJE Pow Relays

Documents

Product Drawings
SOCKET,MIN-SPR AU SER-4

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_50865_V.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_50865_V.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_50865_V.3d_stp.zip

English

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

Product Specifications
Application Specification

English