5050865-7 ✔ ACTIVE

TE Internal #: 5050865-7

Pin Sockets, Socket Length .26 in [6.6 mm], Hole Size (Recommended) 1.83 mm [.072 in], None, Knockout Bottom, 20 – 18AWG Wire Size

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Mini Spring Socket Knockout 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: **Knockout Bottom**

Wire Size: **20 – 18 AWG**

All Mini Spring Socket Knockout Bottom, 6.5A (5)

Features

Product Type Features

Socket Sleeve Style	Knockout 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	Tin

Contact Features

Contact Spring Plating Material	Tin
Contact Spring Plating Thickness	2.54 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	2.54 µm
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]

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

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

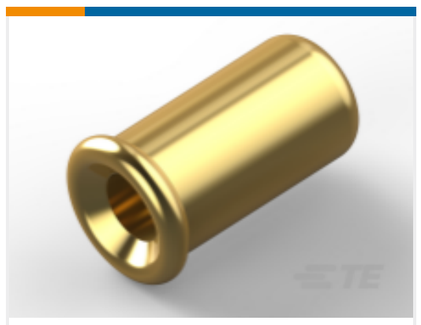
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable 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

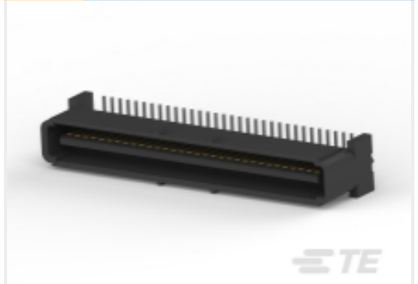
Compatible Parts

TE Part # CAT-377-MSSCB65
Mini Spring Sockets: Closed Bottom, 6.5A

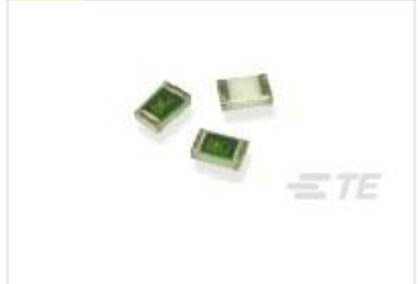


TE Part # CAT-377-MSSOB4
Mini Spring Sockets: Open Bottom, 6.5 A

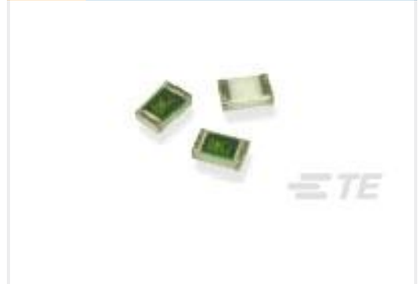
Customers Also Bought



TE Part #1-5120527-1
Free Height Plug Connector: Board-Board, Vertical, 64, 1mm



TE Part #1676241-2
RN 0805 1K74 0.1% 10PPM 1KRL



TE Part #1676243-2
RN 0805 1K82 0.1% 10PPM 1KRL

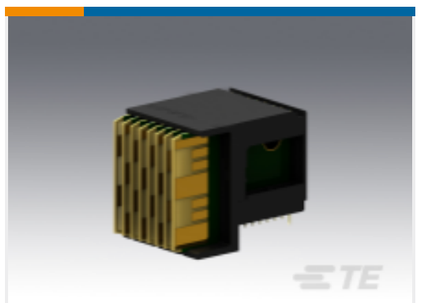
TE Part #9-1614351-1
RN 0603 49R9 0.1% 10PPM 1K RL

TE Part #1410975-4
MULTIGIG RT2 7RW DC RTM CT

TE Part #1676269-1
RN 0805 261R 0.1% 10PPM CUT LENGTH

TE Part #1624032-1
SC30-10-2547-10 680UH AMMO 1000

TE Part #1410968-4
MULTIGIG RT2 7RW RTM DC DF CT



TE Part #1410971-4
MULTIGIG RT T2 7RW H-LFT RTM

TE Part #1-2000713-2
RA Keyed Guide Mod, Vita 46, Machined

Documents

Product Drawings

SOCKET,MIN-SPR SN SER-4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5050865-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5050865-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5050865-7_A.3d_stp.zip

English

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English