



TE Internal #: 5050935-1  
Pin Sockets, Socket Length .168 in [4.27 mm], Hole Size  
(Recommended) 1.04 mm [.041 in], None, Closed Bottom, 28 –  
25AWG Wire Size  
[View on TE.com >](#)

Connectors > Socket Connectors > Pin Sockets > Mini Spring Sockets: Closed Bottom, 3A



Socket Length: 4.27 mm [.168 in]  
Hole Size (Recommended): 1.04 mm [.041 in]  
Solder Process Feature: None  
Socket Sleeve Style: Closed Bottom  
Wire Size: 28 – 25 AWG

[All Mini Spring Sockets: Closed Bottom, 3A \(12\)](#)

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	Tin

Contact Features

Contact Spring Plating Material	Gold
Contact Spring Plating Thickness	.762 μm[30 μin]
Contact Base Material	Beryllium Copper
Contact Current Rating (Max)	3 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	4.27 mm[.168 in]
Hole Size (Recommended)	1.04 mm[.041 in]
Wire Size	.081 – .162 mm²
Mating Pin Diameter Range	.33 – .51 mm[.013 – .02 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: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed



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-MSSCB3  
Mini Spring Sockets: Closed Bottom, 3A

Customers Also Bought

TE Part #0462-209-16141  
DEUTSCH SOLID CONTACTS

TE Part #114017-ZZ  
DEUTSCH SEALING PLUGS

TE Part #1-1734829-1  
AMP HPI 1.25MM HEADERS

TE Part #YDTS20W25-29SAC001  
D38999: Square Flange, 25-29 insert

TE Part #1-480698-0  
02P UMNL PLUG HSG NATL

TE Part #1-1744418-6  
16 POS EP 2.5 HDR, GLOW WIRE

TE Part #147279-9  
16 MODII HDR DR SFMT B/A T&R



Documents

Product Drawings

SOCKET,MIN-SPR SN-AU SER-1

English

CAD Files

Customer View Model

ENG\_CVM\_5050935-1\_O.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_5050935-1\_O.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_5050935-1\_O.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