

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]
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: 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,

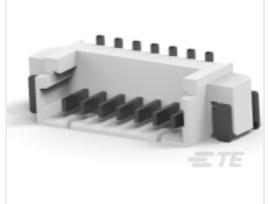
Customers Also Bought



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

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Product Specifications

Product Specification

English