



TE Internal #: 147444-1
5.84 mm [.23 in] Socket Length, 1.02 mm [.04 in] PCB Hole, Closed,
Cable-to-Board, Power & Signal, Pin Sockets
[View on TE.com >](#)

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



Socket Length: 5.84 mm [.23 in]
PCB Hole Diameter: 1.02 mm [.04 in]
Socket Sleeve Style: Closed
Mating Pin Diameter Range: .33 – .51 mm [.013 – .02 in]
Connector System: Cable-to-Board

[All Mini Spring Sockets: Closed Bottom, 3A \(10\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Socket Sleeve Style	Closed
Connector System	Cable-to-Board
Sealable	No

Body Features

Sleeve Plating Material	Gold
Sleeve Material	Copper

Contact Features

	15 µin
Contact Spring Plating Material	Gold
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	30 µm[30 µin]
Contact Current Rating (Max)	3 A

Termination Features

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

Dimensions



Socket Length	5.84 mm[.23 in]
PCB Hole Diameter	1.02 mm[.04 in]
Mating Pin Diameter Range	.33 – .51 mm[.013 – .02 in]

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Bag
Packaging Quantity	2000

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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-5332095-9

SOCKET,MIN-SPR W/KO SN-AU S-1

Customers Also Bought

TE Part #1676238-2

RN 0805 1K62 0.1% 10PPM 1KRL

TE Part #9-2176091-9

RP 2A 0.25W 634R 0.1% 25PPM 1K RL

TE Part #3-2176243-5

CRGS0603 5% 680R

TE Part #6-2176304-4

RP 1E 0.1W 45R3 0.1% 25PPM 5K RL

TE Part #5-2176308-0

RP 1E 0.1W 7R5 0.1% 25PPM 1K RL

TE Part #2176329-3

CRGP 1210 15R 1%

TE Part #1-2176345-5

CRGCQ 1210 150R 1%

TE Part #7-2176397-0

3502 750R 1%

TE Part #2176477-7

RA73F 2A 634R 0.1% 1K RL

TE Part #5103311-5

A/L LOW PRO HDR 20P RA BLACK

Documents

Product Drawings

SOCKET,MIN-SPR AU-AU SER-1

English

CAD Files

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_147444-1_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_147444-1_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_147444-1_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English