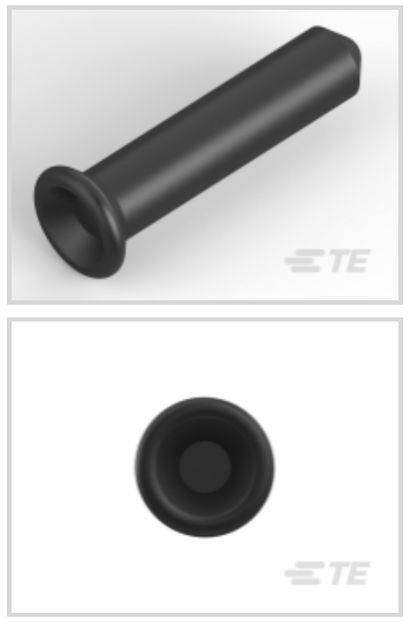
5645946-2 ✔ ACTIVE

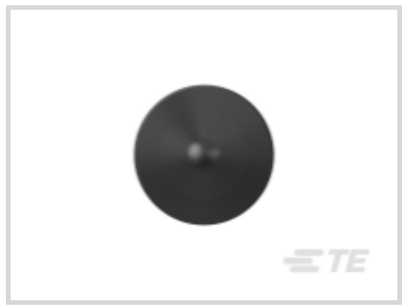
TE Internal #: 5645946-2

4.67 mm [.184 in] Socket Length, 1.07 mm [.042 in] PCB Hole, Bullet Nose, .102 – .205 mm² Wire, 29 – 24 AWG, Cable-to-Board, Pin Sockets

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Bullet Nose, Beryllium Copper, 4A



Socket Length: **4.67 mm [.184 in]**

PCB Hole Diameter: **1.07 mm [.042 in]**

Socket Sleeve Style: **Bullet Nose**

Wire Size: **29 – 24 AWG**

All Miniature Spring Sockets: Bullet Nose, Beryllium Copper, 4A (14)

Features

Product Type Features

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Body Features

Sleeve Plating Material	Tin
Sleeve Material	Copper

Contact Features

Contact Spring Plating Material	Gold
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	30 µm[30 µin]
Contact Spring Plating Thickness	.762 µm[30 µin]

Contact Current Rating (Max)	4 A

Termination Features

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

Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	4.67 mm[.184 in]
PCB Hole Diameter	1.07 mm[.042 in]
Wire Size	29 – 24 AWG
Mating Pin Diameter Range	.3 – .53 mm[.012 – .021 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Reel
Packaging Quantity	50000

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	Out of Scope
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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

Customers Also Bought



TE Part #CV25902001
RW-175-E-1/2-X-STK



TE Part #8-1614884-5
CPF 0805 11K 0.1% 25PPM 1K RL



TE Part #5-1625868-7
RP 2A 0.25W 20R5 0.1% 25PPM 1K RL



TE Part #5-1676481-6
CPF 0603 1K2 0.1% 25PPM 1K RL



TE Part #2-1879213-8
CPF 0402 49R9 0.1% 25PPM 1K RL



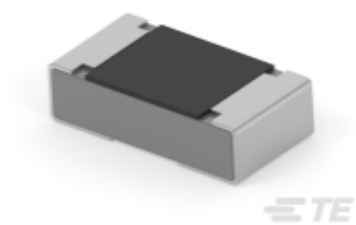
TE Part #2176057-9
RLP73M 3A R022 1% 1K RL



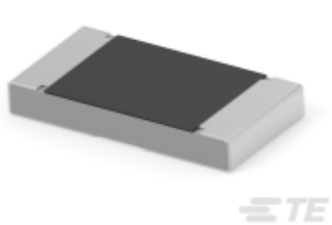
TE Part #2176092-1
RP 2A 0.25W 649R 0.1% 25PPM 1K RL



TE Part #4-2176337-7
CRGCQ 0402 68K 1%



TE Part #9-2176473-6
RA73F 1J 499R 0.1% 1K RL



TE Part #2-2176527-6
3503G 2B 1K0 1% 5K RL

Documents

Product Drawings

SKT,MIN-SPR B-N SN-AU SER-1.5

English

CAD Files

Customer View Model

ENG_CVM_5645946-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5645946-2_A.3d_stp.zip

English

Customer View Model

ENG_CVM_5645946-2_A.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