50871-8 SUPERSEDED

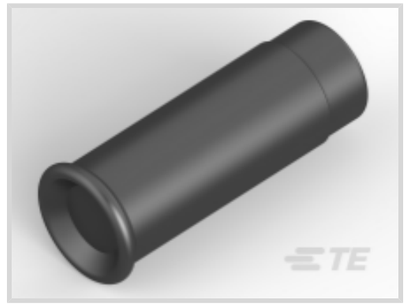
TE Internal #: 50871-8

TE Internal Description: SOCKET,MIN-SPR SN SER-5

Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 7.5A

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 7.5A







Socket Length: **7.32 mm [.288 in]**

PCB Hole Diameter: **2.56 mm [.101 in]**

Socket Sleeve Style: **Closed Bottom**

Wire Size: **18 – 17 AWG**

All Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 7.5A (9)

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Socket Sleeve Style	Closed Bottom
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	Tin
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material Thickness	2.54 µm
Contact Spring Plating Thickness	2.54 µm[30 µin]

Contact Current Rating (Max)	7.5 A

Termination Features

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

Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	7.32 mm[.288 in]
PCB Hole Diameter	2.56 mm[.101 in]
Wire Size	18 – 17 AWG
Mating Pin Diameter Range	1.07 – 1.24 mm[.042 – .049 in]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Bag, Loose Piece
Packaging Quantity	2000

Other

Spring Material	Beryllium Copper

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



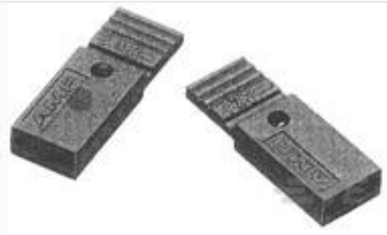
TE Part #02560391-000
LVDT HR 200 ASSY



TE Part #50865-2
SOCKET,MIN-SPR AU SER-4



TE Part #CAT-377-MSSOB75
Miniature Spring Sockets: Open Bottom, Beryllium Copper, 7.5A



TE Part #881545-1
SHUNT LP W/HANDLE 2POS 15AU



TE Part #2-1734506-7
RCPT, 2.0MM, 08P,VRT MT, 8 Au", 2.6 ST



TE Part #1-1825027-1
FSMRA4JH04=R/A,TACT PB SW,160G



TE Part #2176049-8
RLP73N 1E R10 1% 1K RL



TE Part #5413969-2
JACK,PCB,VERT,COMMERCIAL BNC



TE Part #3-50871-0
MSS,TL,ASY,SER5,CB,.042/.049

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_50871-8_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_50871-8_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_50871-8_W.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English