645952-2 ✔ ACTIVE

TE Internal #: 645952-2

Pin Sockets, Socket Length .184 in [4.67 mm], Hole Size (Recommended) 1.32 mm [.052 in], None, Bullet Nose, 28 – 22AWG Wire Size

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Mini Spring Sockets: Bullet Nose, 4A



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

Hole Size (Recommended): **1.32 mm [.052 in]**

Solder Process Feature: **None**

Socket Sleeve Style: **Bullet Nose**

Wire Size: **28 – 22 AWG**

All Mini Spring Sockets: Bullet Nose, 4A (18)

Features

Product Type Features

Socket Sleeve Style	Bullet Nose
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)	4 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/Automatic
Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Method to Wire & Cable	Solder

Dimensions

Socket Length	4.67 mm[.184 in]
Hole Size (Recommended)	1.32 mm[.052 in]
Wire Size	.081 – .326 mm^2
Mating Pin Diameter Range	.36 – .66 mm[.014 – .026 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: JAN 2021 (211) 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 # CAT-377-MSSBN4
Mini Spring Sockets: Bullet Nose, 4A



TE Part # CAT-377-MSSBN5
Mini Spring Sockets: Bullet Nose, 5A

Customers Also Bought



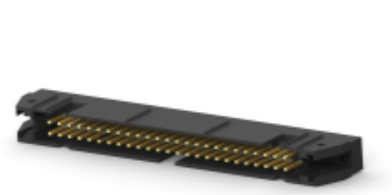
TE Part #1761690-9
IDC LOW PRO HDR 26P RA LG LAT



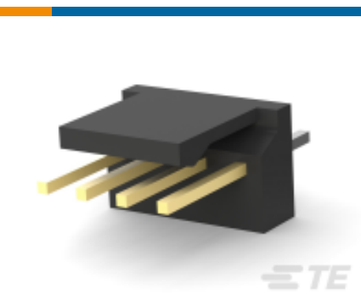
TE Part #1-1825098-7
TPCF11CGPC004



TE Part #1622807-5
SIL 10PIN 9RES 10K 5%



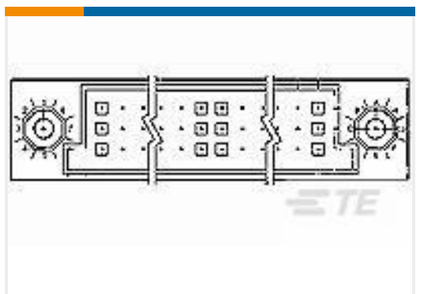
TE Part #102142-8
AMP-LATCH UNIVERSAL HEADERS



TE Part #3-647047-8
Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100



TE Part #YDTS20Z17-35BAV001
D38999: Square Flange, 17-35 insert



TE Part #1-5533061-9
ASSY,PIN,VERTICAL,HDI,LEAD-FRE



TE Part #2-1123723-8
3.96 EP HDR ASSY 8P(YELLOW)



TE Part #532448-9
HDI PIN ASSY 4 ROW 240 POS



TE Part #5-1123723-1
3.96 EP HDR ASSY 11P(BLACK)

Documents

Product Drawings

SOCKET,MIN-SPR B-N SN-AU SER-2

English

CAD Files

Customer View Model

ENG_CVM_645952-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_645952-2_G.3d_stp.zip

English

Customer View Model

ENG_CVM_645952-2_G.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English