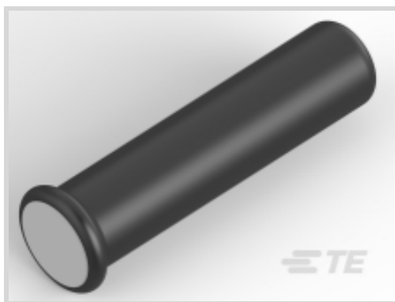
5645994-1 ✔ ACTIVE

TE Internal #: 5645994-1

Pin Sockets, Socket Length 6.53 mm [.257 in], PCB Hole Diameter .062 in [1.57 mm], Closed, .326 – .518 mm² Wire Size, 22 – 20 AWG Wire Size

View on TE.com >

Connectors > Socket Connectors > Pin Sockets > Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 5A



Socket Length: **6.53 mm [.257 in]**

PCB Hole Diameter: **1.57 mm [.062 in]**

Socket Sleeve Style: **Closed**

Wire Size: **.326 – .518 mm²**

All Miniature Spring Sockets: Closed Bottom, Beryllium Copper, 5A (11)

Features

Product Type Features

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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

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 Mating Area Plating Material Thickness	30 µm[30 µin]
Contact Base Material	Beryllium Copper

Contact Current Rating (Max)	5 A

Termination Features

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

Dimensions

PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]
Socket Length	6.53 mm[.257 in]
PCB Hole Diameter	1.57 mm[.062 in]
Wire Size	.326 – .518 mm²
Mating Pin Diameter Range	.66 – .84 mm[.026 – .033 in]

Usage Conditions

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

Operation/Application

Solder Process Feature	Anti-Flux
Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	10000
Packaging Method	Carrier Tape, Reel

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (2% in Component Part) Article Safe Usage Statements:

	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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste capable to 260°C

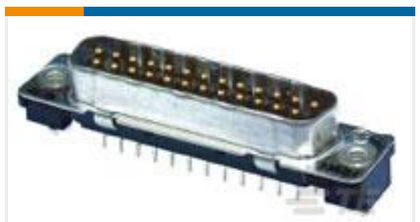
Product Compliance Disclaimer

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

Customers Also Bought

TE Part #3-338314-2
15POS.HD20 REC.ASSY

TE Part #5745782-6
15 MSFL RCPT RA 318 (SL,FM)

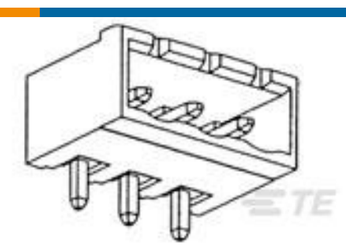


TE Part #5747871-4
09 PLUG SP/FMS STD

TE Part #1676143-2
RN 0805 100R 0.1% 10PPM 1KRL

TE Part #3-794620-8
08P MICRO MNL ASSY,R/A,HDR,LF

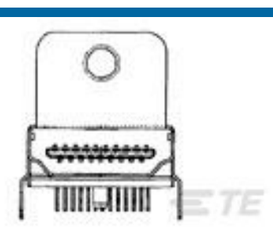
TE Part #1241150-3
3P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #1776038-5
5P 5.08 R/A HDR,CLOSED END

TE Part #5745183-2
09 RCPT SP/MS STD

TE Part #1676317-2
RN 0805 37K4 0.1% 10PPM 1KRL



TE Part #1746679-1
Std HDMI, RA, T/H, Panel grd, Flange

Documents

Product Drawings

MSS ASSY SERIES 3 W/SEALANT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5645994-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5645994-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5645994-1_O.3d_stp.zip

English

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Product Specifications

Product Specification

English