



TE Internal #: 50935-6
Socket Length 4.27 mm [.168 in], PCB Hole Diameter 1.04 mm [.041 in], Open Bottom, .081 – .162 mm² Wire Size, 28 – 25 AWG Wire Size, Pin Sockets
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Connectors > Socket Connectors > Pin Sockets



Socket Length: 4.27 mm [.168 in]
PCB Hole Diameter: 1.04 mm [.041 in]
Socket Sleeve Style: Open Bottom
Wire Size: .081 – .162 mm²

Features

Dimensions

Socket Length	4.27 mm[.168 in]
PCB Hole Diameter	1.04 mm[.041 in]
Wire Size	.081 – .162 mm ²
Mating Pin Diameter Range	.33 – .51 mm[.013 – .02 in]
PCB Thickness (Recommended)	.79 – 3.18 mm[.031 – .125 in]

Product Type Features

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

Contact Features

Contact Current Rating (Max)	3 A
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]
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Operation/Application

Circuit Application	Power & Signal
Solder Process Feature	None

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Spring Material	Beryllium Copper

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Body Features

Sleeve Plating Material	Gold Flash over Nickel
Sleeve Material	Copper

Termination Features

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

Packaging Features

Packaging Method	Loose Piece, Bag
Packaging Quantity	1000

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: JUNE 2024 (241) 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

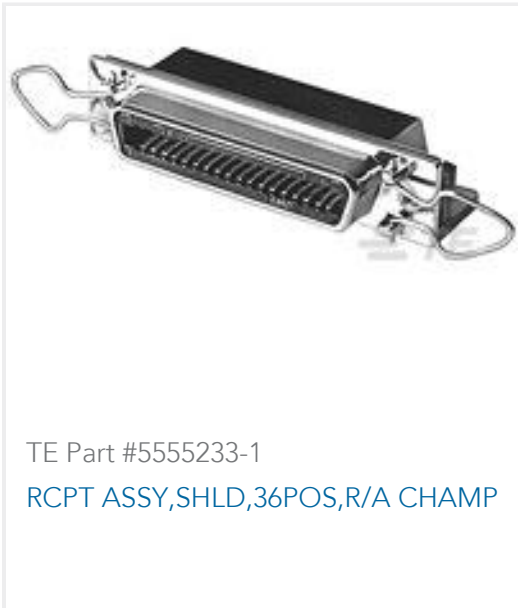
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-377-MSSCB3
Mini Spring Sockets: Closed Bottom, 3A

Customers Also Bought

TE Part #5747843-6 37 MSFL PLUG RA 318 (SL,FM,BL)	TE Part #5747846-6 25 MSFL RCPT RA 318 (SL,FM,BL)	TE Part #165514-1 TERM, WIRE PIN, PIDG, 26-22	TE Part #350551-3 UMNL SOK 20-14 PTPPHBZ L/P
TE Part #5-103908-1 02 MTE HDR SRST LATCH W/HLDWN	TE Part #1761987-9 ReceptacleConnAssm38PosTape/Re	TE Part #2-520932-2 ULTRA-FAST .110/.125 ASY REC 22-18 TPBR	TE Part #5205820-3 WASHER,FLAT #4,PLATED



Documents

Product Drawings

SOCKET,MIN-SPR AU-AU SER-1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_50935-6_Z.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_50935-6_Z.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_50935-6_Z.2d_dxf.zip

English

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