5-583259-3 ✔ ACTIVE

TE Internal #: 5-583259-3
Connector Contact, Socket, Board-to-Board, 3.96 mm [.156 in] Centerline, Gold, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Straight, Wire & Cable

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Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts

Contact Type: **Socket**

Connector System: **Board-to-Board**

Centerline (Pitch): **3.96 mm [.156 in]**

Contact Mating Area Plating Material: **Gold**

Wire Size: **24 – 20 AWG**

Features

Product Type Features

Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[15 µin][100 µin]
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Orientation	Straight
Contact Current Rating (Max)	5 A

Mechanical Attachment

Wire Insulation Support	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Wire Size	.2 – .6 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

Other

Comment	Matte tin plate in crimp area.

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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	Wave solder capable to 240°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 # 91037-2
EXTRACTION TOOL MOD FORK

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_5-583259-3_AD.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_5-583259-3_AD.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_5-583259-3_AD.3d_stp.zip

English

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Product Specifications

Application Specification

English

Modified Fork Contact

English