

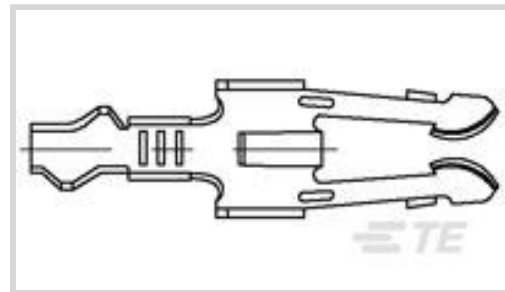
AMP

TE Internal #: 583259-4

Connector Contact, Socket, .156 in [3.96 mm] Centerline, Gold, 24 – 20 AWG Wire Size, .2 – .6 mm² Wire Size, Straight, Wire & Cable, 5 A

[View on TE.com >](#)


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

Contact Type: **Socket**Centerline (Pitch): **3.96 mm [.156 in]**Contact Mating Area Plating Material: **Gold**Wire Size: **.2 – .6 mm²**

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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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

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
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Dimensions

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

Usage Conditions



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

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	6000
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Packaging Method	Reel
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Other

Connector Contacts Comment	Matte tin plate in crimp area.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JUNE 2023 (235)</p> <p>SVHC > Threshold:</p> <p>Pb (13% in Component Part)</p> <p>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.</p>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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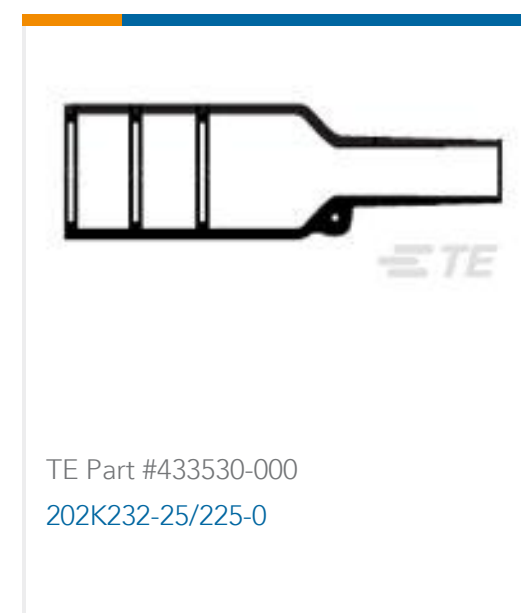
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

CONT MOD FORK

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_583259-4_AD.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_583259-4_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_583259-4_AD.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

Modified Fork Contact

English

Product Environmental Compliance

TE Material Declaration

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Extraction Tool for Modified Fork Contacts on .156 Inch Centerline

English

Agency Approvals

Agency Approval Document

English