

TE Internal #: 12331-20  
Connector Contacts, Pin, Gold, Gold, Operating Voltage 115 VAC,  
Operating Voltage 115 VDC, With Contact Retention Within  
Housing, Contact Size Code 20

[View on TE.com >](#)



Connectors > Rectangular Connectors > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Gold**  
Wire Contact Termination Area Plating Material: **Gold**  
Operating Voltage: **115 VDC**

Features

Product Type Features

Barrel Type	Crimp
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	115 VDC
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Body Features

Lattice Contact Mating Area Plating Material	Gold
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Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size Code	20
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	7.5 A



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Spring
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Dimensions

Wire Size	24 – 20 AWG
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Usage Conditions

Operating Temperature Range	-65 – 175 °C[-85 – 347 °F]
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Operation/Application

Circuit Application	Power, Signal & Data
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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	Not Yet Reviewed
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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) 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	Not reviewed for solder process capability

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 Model / Part # 12333-20  
CONT SOC ASSY

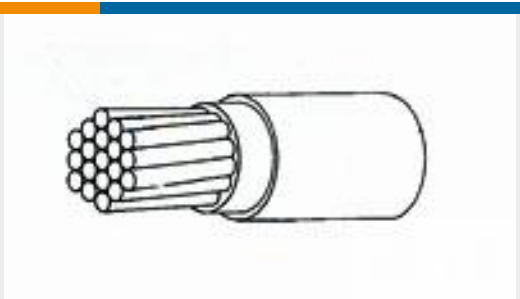
Customers Also Bought



TE Model / Part #ABC03N-20P  
IN-LINE RECP



TE Model / Part #12333-20  
CONT SOC ASSY



TE Model / Part #218424-001  
22759/41-22-9



TE Model / Part #DTS26F21-35SN  
PLUG ASSY




TE Model / Part #DTS26F11-98SN  
PLUG ASSY



TE Model / Part #DTS26F09-98SN  
PLUG ASSY




TE Model / Part #DCR-1A-06  
COMPOSIT RAIL



TE Model / Part #216787-000  
SO96-3-55-22-90



TE Model / Part #12333-16  
CONT SOC ASSY



TE Model / Part #12331-16  
CONT PIN

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_12331-20\_1.2d\_dxf.zip

English

Customer View Model



[ENG\\_CVM\\_CVM\\_12331-20\\_1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_12331-20\\_1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

**Datasheets & Catalog Pages**

[DEUTSCH Contacts Quick Reference Guide](#)

English