



DEUTSCH

TE Internal #: 12331-20

Pin Contact, Gold (Au), 115 VAC, 115 VDC, Spring Contact

Retention, Size 20 Contact Size, Discrete Wire, 24 – 20 AWG, .25 – .

5 mm² Wire, Crimp

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold**

Operating Voltage: **115 VDC**

Features

Product Type Features

Sealable	Yes
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Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	115 VDC
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Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment



Contact Retention Type Within Housing	Spring
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Dimensions

Wire Size	.25 – .5 mm ²
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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 & High Speed Data
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 applicable for solder process capability

Product Compliance Disclaimer

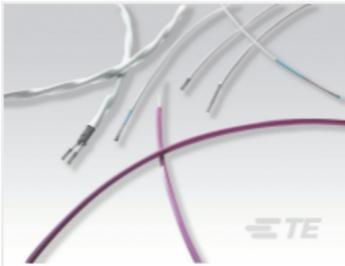
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Part # 12333-20
CONT SOC ASSY

Customers Also Bought



TE Part #258347-000
55A1123-12-9/96-9CS2275



TE Part #12333-22
CONT SOC ASSY



TE Part #139321-000
SO96-1-00



TE Part #127429-000
SO63-5-9030



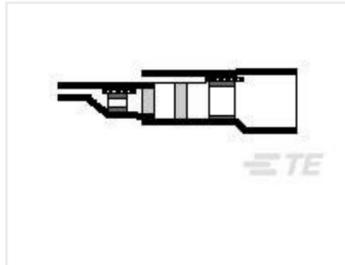
TE Part #12331-22
CONT PIN (182-0441-22)



TE Part #627133-000
202D921-25/225-0



TE Part #ABC03N-20S-4048
IN-LINE RECP



TE Part #149657-000
B-020-20-N



TE Part #Y88046-14-19SNV003
PLUG ASSY



TE Part #ER6750-000
RW-200-1-1/2-0-SP-CS9376

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

12331-20

Pin Contact, Gold (Au), 115 VAC, 115 VDC, Spring Contact Retention, Size 20 Contact Size, Discrete Wire, 24 – 20 AWG, .25 – .5 mm² Wire, Crimp



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.