



DEUTSCH

TE Internal #: 38943-20L

Gold (Au), Socket Contact, 28 – 22 AWG, 115 VAC, 115 VDC, .08 – .34 mm<sup>2</sup> Wire, Spring Contact Retention, Size 20, Discrete Wire, Crimp, Copper Alloy

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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	Socket
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	.08 – .34 mm <sup>2</sup>
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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	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (1.2% in Component part) <b>Article Safe Usage Statements:</b> 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.
Halogen Content	Low Halogen - Br, Cl, F < 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 Part # 38941-20L  
CONT PIN

### Customers Also Bought



TE Part #ZPF000000000007522  
983-OSE 12-03 S6



TE Part #ZPF000000000007680  
983-OSE 20-39 S6



TE Part #ZPF000000000007572  
983-OSE 14-07 S8



TE Part #ZPF000000000007474  
983-OSE 08-03 SN



TE Part #ZPF0000000000033821  
983-OSE 20-39 S7



TE Part #67010010-000  
CONTACT TIP #8



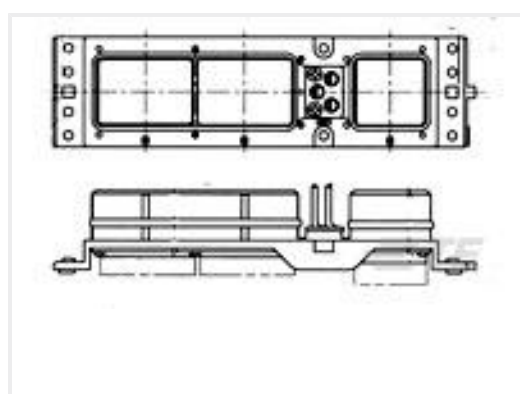
TE Part #38941-22L  
CONTACTS



TE Part #REBC210E-1002CB  
REBC210E-1002CB=RELAY



TE Part #ZPF000000000007529  
983-OSE 12-03 SN



TE Part #1663557-1  
PLUG ASSY, SZ 2, ARINC 600

### Documents

#### Product Drawings

[CONT SOC ASSY](#)

English

#### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_38943-20L\\_1.2d\\_dxf.zip](#)

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English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_38943-20L\\_1.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_38943-20L\\_1.3d\\_stp.zip](#)

English

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