

## DEUTSCH

TE Internal #: 38943-20L

Connector Contacts, Socket, Gold, Gold, 115 VAC, 115 VDC,  
Spring Contact Retention, Size Size 20, Discrete Wire, 28 – 22 AWG  
Wire Size

[View on TE.com >](#)

Connectors > Rectangular Connectors > Connector Contacts

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

## Features

### Product Type Features

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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### Contact Features

Barrel Type	Closed
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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
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### 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: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) 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 Part # 38941-20L  
CONT PIN



TE Part # YDTS26Z11-04BNV001  
PLUG ASSY

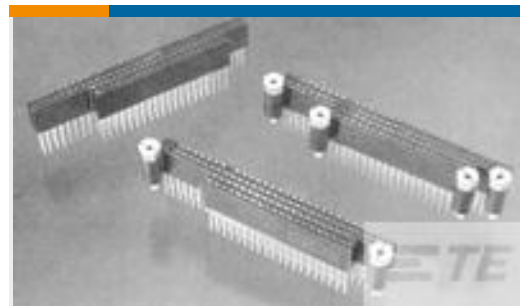
## Customers Also Bought



TE Part #100503L  
CONT SOC ASSY



TE Part #38941-22L  
CONTACTS



TE Part #1375794-2  
PC104 ASY 2S/0 UNKEYED



TE Part #YDTS26T19-35PAV001  
PLUG ASSY



TE Part #YDTS24W21-41SAC001  
RECP ASSY



TE Part #ZPF000000000019140  
FDBA 56-12-10 SN-K



TE Part #38941-16  
CONTACTS



TE Part #562492-000  
1330-3300-15



TE Part #852077-000  
CTC-0039-22-9/5-93CS1963



TE Part #526003N008  
TC-CAPS-4005-8CS5369

## Documents

### Product Drawings

[CONTACTS \(=724-0007-20\)](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

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



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

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## Datasheets & Catalog Pages

[DEUTSCH Contacts Quick Reference Guide](#)

English