38943-20L ✔ ACTIVE

DEUTSCH

TE Internal #: 38943-20L

Gold (Au), Socket Contact, 28 – 22 AWG, 115 VAC, 115 VDC, .08 – .34 mm² 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

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	115 VDC

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

Dimensions

Wire Size	.08 – .34 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power, Signal & High Speed Data

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) **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.
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 #38941-16
CONTACTS



TE Part #NB30784001
RT-220-3/64-9-SP



TE Part #YDTS32W23NV0010000
DUST COVER ASSEM



TE Part #100503L
CONT SOC ASSY



TE Part #0641-1-2031L
CONT PIN



TE Part #67010010-000
CONTACT TIP #8



TE Part #38941-16L
CONT PIN



TE Part #38941-22L
CONTACTS



TE Part #38943-12L
CONT SOC ASSY

Documents

Product Drawings

CONT SOC ASSY

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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