006-0055-20A ✔ ACTIVE

DEUTSCH

TE Internal #: ZPF000000000000177

Gold (Au), Socket Contact, 24 – 18 AWG, 115 VAC, 115 VDC, .25 – 1 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	.25 – 1 mm²

Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °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 with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (1.2% in 74005426) **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 # ZPF000000000200285
983-6S 10-06 S8 A246



TE Part # ZPF000000000201685
983-6K 16-24 SN-A246



TE Part # ZPF000000000104559
983-6R 08-03 S6 A246



TE Part # ZPF000000000200271
983-6S 08-03 SN-A246



TE Part # ZPF000000000008550
983-6S 10-05 SN-A246



TE Part # ZPF000000000105618
983-6R 08-03 SN-A246



TE Part # ZPF000000000103102
983-6R 10-06 SN-A246



TE Part # ZPF000000000008352
983-6R 16-24 SN-A246



TE Part # ZPF000000000110138
983-6K 10-06 S7 A246



TE Part # ZPF000000000104374
983-6A 14-15 SN-A246



TE Part # ZPF000000000105746
983-6R 10-05 SN-A246



TE Part # ZPF000000000105747
983-6R 12-12 SN-A246



TE Part # ZPF000000000109263
983-6RS 10-05 S6 A246



TE Part # ZPF000000000103972
983-6RS 08-03 SN-A246



TE Part # ZPF000000000110137
983-6K 10-06 SN-A246



TE Part # ZPF000000000104560
983-6R 10-05 S6 A246



TE Part # ZPF000000000200281
983-6S 12-12 S6 A246



TE Part # ZPF000000000200284
983-6S 10-06 SN A246



TE Part # ZPF000000000008127
983-6K 16-24 S7 A246



TE Part # ZPF000000000107500
983-0RS 20-41 SN-A246

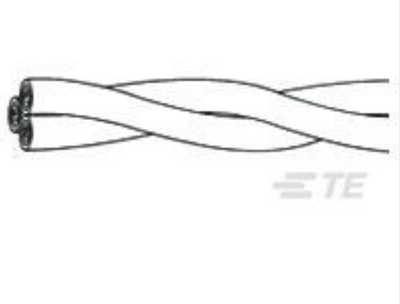
Customers Also Bought



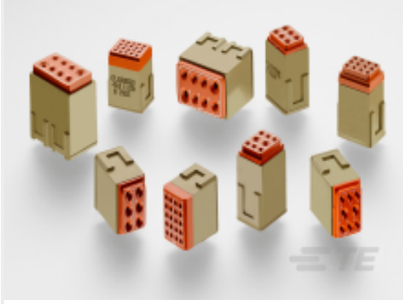
TE Part #ZPF000000000008419
983-6RS 12-12 PN-L



TE Part #ZPF000000000008549
983-6S 10-05 SN



TE Part #3699623001
44A0331-20-0/2/9



TE Part #YCTJ122E05EC015000
MODULE ASSY



TE Part #ZPF000000000007324
983-0S 10-05 PN



TE Part #ZPF000000000000362
006-0937-16 A



TE Part #ZPF000000000019827
FDBA 56-8-98 SN-K 090

TE Part #620080N006
D-108-12CS2883

TE Part #5039244144
DR-25-1-0-CS-34034

TE Part #620069N005
D-108-11CS2883

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ZPF000000000000177_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000000177_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_ZPF000000000000177_E.3d_stp.zip

English

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