



DEUTSCH

TE Internal #: ZPF000000000000345
Connector Contacts, Socket, Gold, Gold Wire Contact Termination
Area Plating Material, Operating Voltage 115 VAC, Operating
Voltage 115 VDC
[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

Barrel Type	Crimp
Connector System	Cable-to-Cable
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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Body Features

Lattice Contact Mating Area Plating Material	Gold
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Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size Code	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	.205 – .518 mm ²
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Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
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Operation/Application

Circuit Application	Power & Signal & Data
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUN 2018 (191)
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 Regulations, TE's information on SVHC in



articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

 <p>TE Model / Part # ZPF000000000008125 983-6K 16-24 S6 L</p>	 <p>TE Model / Part # ZPF000000000008130 983-6K 16-24 S9 L</p>	 <p>TE Model / Part # ZPF000000000008133 983-6K 16-24 SN-L</p>	 <p>TE Model / Part # ZPF000000000034846 983-6K 18-31 S6 L</p>
 <p>TE Model / Part # ZPF000000000008146 983-6K 18-31 S7 L</p>	 <p>TE Model / Part # ZPF000000000008171 983-6K 22-55 SN-L</p>	 <p>TE Model / Part # ZPF000000000008312 983-6R 10-05 S6 L</p>	 <p>TE Model / Part # ZPF000000000036286 983-6RS 20-28 SN-L</p>
 <p>TE Model / Part # ZPF000000000008084 983-6K 10-06 SN-L</p>	 <p>TE Model / Part # ZPF000000000008156 983-6K 20-41 S7 L</p>	 <p>TE Model / Part # ZPF000000000008157 983-6K 20-41 S8 L</p>	 <p>TE Model / Part # ZPF000000000036649 983-6S 18-31 S6 L</p>
 <p>TE Model / Part # ZPF100000000008067 983-6K 08-03 SN-L</p>	 <p>TE Model / Part # ZPF000000000008159 983-6K 20-41 SN-L</p>	 <p>TE Model / Part # ZPF000000000008567 983-6S 10-06 SN-L</p>	 <p>TE Model / Part # ZPF000000000008663 983-6S 20-28 SN-L</p>





TE Model / Part #
ZPF000000000007341
983-OS 10-06 S6 L



TE Model / Part #
ZPF000000000007432
983-OS 20-41 SN-L




TE Model / Part #
ZPF000000000007795
983-OWS 20-25 SN-L




TE Model / Part #
ZPF0000000000034319
983-OWS 20-41 S6 L


Customers Also Bought




TE Model / Part #ZPF0000000000019780
FDDB 56-8-33 SN-K




TE Model / Part #F92583-000
S200-1-00




TE Model / Part #ZPF0000000000019140
FDDB 56-12-10 SN-K




TE Model / Part #ZPF000000000000426
006-1186-20




TE Model / Part #ZPF0000000000020140
FMJ 11E 16-06 K




TE Model / Part #ZPF0000000000019081
FDDB 56-10-6 SN-K




TE Model / Part #ZPF000000000000177
006-0055-20 A



TE Model / Part #ZPF0000000000020142
FMJ 11E 20-01 G



TE Model / Part #ZPF0000000000011437
AFMJ 11E 22-02 K



TE Model / Part #ZPF0000000000000368
006-0937-20 A

Documents

Datasheets & Catalog Pages
DEUTSCH Contacts Quick Reference Guide
English