



DEUTSCH

TE Internal #: ZPF000000000000173
Connector Contacts, Pin, 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: **Pin**
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	Pin
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 with Exemptions
EU ELV Directive 2000/53/EC	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	欧洲化学品管理局最新发布的SvHCs候选清单: 2020年1月（205） SvHCs候选清单的声明更新至: 2019年1月（197） Pb (1.2% in Contact material)
EU REACH Regulation (EC) No. 1907/2006	欧洲化学品管理局最新发布的SvHCs候选清单: 2020年1月（205） SvHCs候选清单的声明更新至: 2019年1月（197）
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 # ZPF000000000110041 983-0A 10-05 PN-A5358</p>	 <p>TE Model / Part # ZPF000000000007168 983-ORS 08-03 PN-A246</p>	 <p>TE Model / Part # ZPF000000000100977 983-ORS 10-05 PN-A246</p>	 <p>TE Model / Part # ZPF000000000107379 983-ORS 12-12 PN-A246</p>
 <p>TE Model / Part # ZPF000000000007318 983-OS 10-05 P6 A246</p>	 <p>TE Model / Part # ZPF000000000007326 983-OS 10-05 PN-A246</p>	 <p>TE Model / Part # ZPF0000000000033203 983-OS 12-12 P6 A246</p>	 <p>TE Model / Part # ZPF000000000007387 983-OS 16-24 P7 A246</p>
 <p>TE Model / Part # ZPF0000000000033301 983-OS 16-24 PN-A246</p>	 <p>TE Model / Part # ZPF0000000000203330 983-6A 12-12 PN-A246</p>	 <p>TE Model / Part # ZPF0000000000205093 983-6K 10-05 PN-A246</p>	 <p>TE Model / Part # ZPF000000000109416 983-6R 16-24 PN-A246</p>
 <p>TE Model / Part # ZPF000000000105808 983-6R 18-31 PN-A246</p>	 <p>TE Model / Part # ZPF000000000105386 983-6RS 14-12 PN-B246</p>	 <p>TE Model / Part # ZPF0000000000203950 983-6RS 18-31 PN-A246</p>	 <p>TE Model / Part # ZPF0000000000200269 983-6S 10-05 PN-A246</p>



TE Model / Part #
ZPF000000000200283
983-6S 12-12 P6 A246



TE Model / Part #
ZPF000000000200282
983-6S 12-12 PN-A246



TE Model / Part #
ZPF000000000200279
983-6S 18-31 PN-A246



TE Model / Part #
ZPF000000000200278
983-6S 20-41 PN-A246

Customers Also Bought



TE Model / Part #1577625-1
TERMINAL RT PIDG PEEK STRATO 20
AWG



TE Model / Part #1577647-1
TERMINAL RT PIDG PEEK STRATO 10
AWG



TE Model / Part #728217-000
55PC0211-12-9CS2502



TE Model / Part #1577646-1
TERMINAL RT PIDG PEEK STRATO 10
AWG



TE Model / Part #ZPF000000000137993
787-8055-13M




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



TE Model / Part #ZPF0000000000003651
724-8022-16



TE Model / Part #655153-000
55PC2111-20-9-9CS2502



TE Model / Part #497065-000
55PC0214-20-9CS2502



TE Model / Part #ZPF0000000000000571
020-0511-22

Documents

Datasheets & Catalog Pages
DEUTSCH Contacts Quick Reference Guide
English

Product Environmental Compliance
REACH Substance Communication Document
English