006-0044-20 A V ACTIVE

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
Electrical Characteristics	
Operating Voltage	115 VDC
Body Features	
Lattice Contact Mating Area Plating Material	Gold
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

7.5 A

Contact Current Rating (Max)



Termination Features

Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Contact Retention Type Within Housing	Spring
Dimensions	
Wire Size	.205 – .518 mm²
Usage Conditions	
Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
Operation/Application	
Circuit Application	Power & Signal & 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	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



TE Model / Part #

ZPF000000000110041

983-0A 10-05 PN-A5358



TE Model / Part #

ZPF0000000000007168

983-0RS 08-03 PN-A246



TE Model / Part #

ZPF000000000100977

983-0RS 10-05 PN-A246



TE Model / Part #

ZPF0000000000107379

983-0RS 12-12 PN-A246



TE Model / Part #
ZPF000000000007318
983-0S 10-05 P6 A246



TE Model / Part #

ZPF0000000000007326

983-0S 10-05 PN-A246



TE Model / Part #
ZPF000000000033203
983-0S 12-12 P6 A246



TE Model / Part #

ZPF0000000000007387

983-0S 16-24 P7 A246



TE Model / Part #

ZPF000000000033301

983-0S 16-24 PN-A246



TE Model / Part #

ZPF0000000000203330

983-6A 12-12 PN-A246



TE Model / Part #

ZPF0000000000205093

983-6K 10-05 PN-A246



TE Model / Part #
ZPF0000000000109416
983-6R 16-24 PN-A246



TE Model / Part #

ZPF000000000105808

983-6R 18-31 PN-A246



TE Model / Part #

ZPF000000000105386

983-6RS 14-12 PN-B246



TE Model / Part #

ZPF0000000000203950

983-6RS 18-31 PN-A246



TE Model / Part #

ZPF0000000000200269

983-6S 10-05 PN-A246





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**



55PC0211-12-9CS2502



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



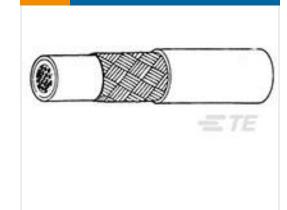
TE Model / Part #ZPF00000000137993 787-8055-13M



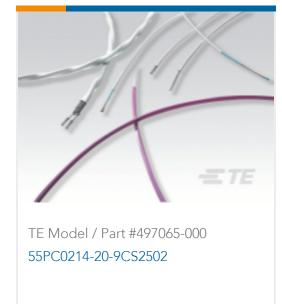
TE Model / Part #ZPF000000000000177



TE Model / Part #ZPF00000000003651



TE Model / Part #655153-000





Documents

Datasheets & Catalog Pages

DEUTSCH Contacts Quick Reference Guide

English

Product Environmental Compliance

REACH Substance Communication Document

English