097-0165-12 ✔ ACTIVE

DEUTSCH

TE Internal #: ZPF000000000001233

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	12
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	23 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Spring

Dimensions

Wire Size	1.31 – 3.31 mm²

Usage Conditions

Operating Temperature Range	-65 – 260 °C[-85 – 500 °F]

Operation/Application

Circuit Application	Power & Signal

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	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197) Pb (1.2% in Contact material)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (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 #

ZPF0000000000033725

983-0SE 18-08 PN-L

TE Model / Part #

ZPF0000000000033721

983-0SE 18-08 P8 L

TE Model / Part #

ZPF0000000000008908

983-6SE 18-08 PN-L

TE Model / Part #

ZPF0000000000035262

983-6KE 18-08 PN-L

TE Model / Part #

ZPF0000000000037160

983-6SE 22-12 P8 L

TE Model / Part #

ZPF900000000007559

983-0SE 14-04 PN-L-A1263

TE Model / Part #

ZPF0000000000008819

983-6SE 14-04 PN-L

TE Model / Part #

ZPF0000000000007557

983-0SE 14-04 PN-L

TE Model / Part #

ZPF0000000000007715

983-0SE 24-30 PN-L

TE Model / Part #

ZPF100000000008908

983-6SE 18-08 PN-L

TE Model / Part #

ZPF0000000000007559

983-0SE 14-04 PN-L-A1263

TE Model / Part #

ZPF0000000000033851

983-0SE 22-12 PN-L

TE Model / Part #

ZPF0000000000105705

983-15 KE 2-22-12 P6

TE Model / Part #

ZPF0000000000105704

983-15 KE 2-22-12 PN

TE Model / Part #

ZPF0000000000203735

983-15 SE 2-18-08 PN-A1499

TE Model / Part #

ZPF0000000000203741

983-15 SV 2-18-08 PN

TE Model / Part #
ZPF000000000035254
983-6KE 18-08 P6 L

TE Model / Part #
ZPF000000000037020
983-6SE 18-08 P6 L

TE Model / Part #
ZPF000000000037026
983-6SE 18-08 P9 L

TE Model / Part #
ZPF000000000008909
983-6SE 18-08 PY-L

Customers Also Bought

TE Model / Part #ZPF000000000104688
983-15 KV 4-10-05 P6 L

TE Model / Part #ZPF000000000008919
983-6SE 18-14 S6 L

TE Model / Part #ZPF000000000001200
097-0014-16 TRA

TE Model / Part #ZPF000000000001205
097-0016-20 TRA

TE Model / Part #ZPF000000000001248
097-0216-16 TRA

TE Model / Part #ZPF000000000007902
983-15 KE 4-12-12 S7 L

Documents

Datasheets & Catalog Pages

DEUTSCH Contacts Quick Reference Guide

English

Product Environmental Compliance

REACH Substance Communication Document

English