



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VDC**

Features

Product Type Features

Sealable	No
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Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Wire Contact Termination Area Plating Thickness	.4 – 3.5 µm[16 – 138 µin]
Contact Mating Area Plating Material Thickness	.4 µm[16 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16



Contact Base Material	Brass
Contact Current Rating (Max)	1.8 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	1.27 – 2.79 mm[.05 – .11 in]
Wire Size	.3 – .9 mm²

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Method	Strip
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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	Compliant
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 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 # 2837585-1
OCEAN-2.0-APPLICATOR-S-070F090O-RSM

TE Part # 66582-2
TYPE VI SKT CONT,MULTI-MATE

TE Part # 2837585-2
OCEAN-2.0-APPLICATOR-S-070F090OA-RSA

TE Part # 7-2837585-7
OCEAN_2.0_SPARE_PART_KIT-070F090O

TE Part # 2844982-1
CCII TYPE VI MLTIMATE PIN/SKT 22-18 ASSY

Also in the Series | AMP Type IV

Connector Contacts(47)

Power Contacts(47)

Customers Also Bought





TE Part #4-640440-2
[12P MTA100 CONN ASSY 22AWG RED](#)



TE Part #1-1803260-4
[CRIMPER, INSULATION F PREMIUM](#)



TE Part #CAT-104MTA-PVUNH
[PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment](#)



TE Part #1-456404-6
[CRIMPER WIRE .070 F](#)



TE Part #6-1879354-9
[RR03 5% 220R AMMO](#)



TE Part #2-34167-1
[TERMINAL,PG SPD 16-14 10](#)



TE Part #1-796329-1
[23-57 CPC PSTD SKT RECPT LF](#)



TE Part #2-34156-1
[PG SPD 22-16 COMM 22-18 MIL 10](#)



TE Part #640454-2
[02P MTA100 HDR ASSY SQ STR POL](#)

Documents

Product Drawings

[TYPE VI PIN CONT,MULTI-MATE](#)

English

CAD Files

Customer View Model

[ENG_CVM_66581-2_F1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_66581-2_F1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_66581-2_F1.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_66581-2_AG.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66581-2_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66581-2_AG.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English