



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Snap-In**

Features

Product Type Features

Sealable	No
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Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	23 A
Mating Pin Diameter	2.38 mm[.094 in]
Contact Mating Area Plating Material Thickness	2 – 3 µm[2 – 3 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight



Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 – 1.29 µm[52 – 50 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	Without

Dimensions

Wire Size	2 – 3 mm²
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (2.5% in 74021998) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 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 # 202417-1
SKT CONT ASSY,TYPE I

TE Part # 305183-8
ET TYPE IV #20

Also in the Series | METRIMATE Power VIII

Connector Contacts(8)

Insertion & Extraction Tools(2)

Power Contacts(8)

Customers Also Bought

TE Part #42899-2
RING TONGUE 10-6 AWG TPBR

TE Part #102241-2
04 MODIV HG COMP SR .100 POL

TE Part #160684-2
FF 110 REC 0.5-1.0MM2 PTPBR

TE Part #201921-1
SERIES M LOCKING SPRING



TE Part #640581-1
06P UMNL PLUG HSG

TE Part #2-683453-0
CRIMPER, INSULATION "F"(.070")

TE Part #745779-2
HD SQZ TO RELEASE KIT

TE Part #CAT-D9934-A66
Contact: Component To Wire ; 5A, 28-18 wire size, gold plated

TE Part #1-2308350-4
CRIMP BARREL4

Documents

Product Drawings

PIN CONT ASSY,TYPE I

English

CAD Files

Customer View Model

ENG_CVM_202422-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_202422-1_H.3d_stp.zip

English

Customer View Model

ENG_CVM_202422-1_H.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Power Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Product Specification

English



Product Specification

Japanese

Connector, Breakaway

English

Product Specification

English

Contact, Type I, Crimp Type for Electrical Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMP SELECTION CHART FOR AMP TYPE I PIN AND SOCKET CONTACTS

English

Instruction Sheet (U.S.)

English

Type I Contact Crimping Die-Set for use in Air Guns

English