



TE Internal #: 170246-1  
Pin Contact, Gold (Au), 250 VAC, Locking Lance Contact Retention,  
Size 16 Contact Size, Discrete Wire, 24 – 20 AWG, .2 – .56 mm²  
Wire, 404 – 1020 CMA  
[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Gold (Au)**  
Wire Contact Termination Area Plating Material: **Gold**  
Operating Voltage: **250 VAC**  
Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Shape & Form	Round
Contact Length	27.1 mm[1.067 in]



Barrel Type	Open
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	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
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .079 in]
Wire Size	404 – 1020 CMA

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	10000
Packaging Method	Tray

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 # 91515-1  
CCI TYPE III+ MNL PIN SKT 30-20 ASSY

TE Part # 91505-1  
CCI TYPE III+ 24-16 ASSY

Customers Also Bought

TE Part #1939588-1  
DYNAMIC D-1000 KEYING PLUG

TE Part #T1010102100-000  
H10B-KDBP

TE Part #1-1827872-2  
DYNAMIC 1100D HDR ASSY V 24P XBLACK GOLD

TE Part #T3609320112-000  
DLX-32-MT





TE Part #1-2040404-4  
[DYNAMIC 1500T TAB HSG 12PX P/M](#)



TE Part #T1240100132-000  
[H10B-TGH-M32](#)



TE Part #T1510063000-000  
[H6B-AD](#)



TE Part #T2111062201-000  
[HMN-006-F](#)



TE Part #CAT-D9934-A15F  
[Header Assembly: Wire-to-Board, 5A, gold or tin plated](#)

Documents

Product Drawings

[TYPE-3 1.57DIA PIN ASSY L/P](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG\\_CVM\\_170246-1\\_O.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_170246-1\\_O.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_170246-1\\_O.2d\\_dxf.zip](#)

English

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