



TE Internal #: 170245-2
Pin Contact, Gold (Au), 250 VAC, Locking Lance Contact Retention,
Size 16 Contact Size, Discrete Wire, 24 – 20 AWG, .2 – .5 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	1.59 mm[.06 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Length	27.1 mm[1.067 in]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]



Barrel Type	Open
Contact Mating Area Plating Material Finish	Bright
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)	13 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	15000
Packaging Method	Reel

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>

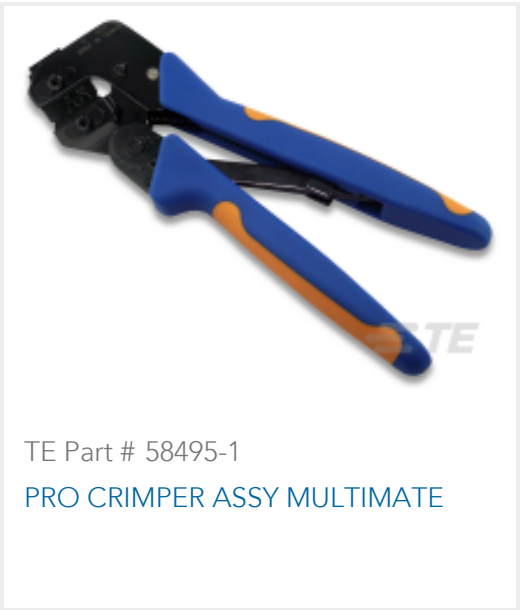
Compatible Parts



TE Part # 5-2151016-2
OCEAN_2.0_APPLICATOR-S-062F0900-RSA



TE Part # 7-2151016-7
OCEAN_2.0_SPARE_PART_KIT-062F0900



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 5-2151016-1
OCEAN_2.0_APPLICATOR-S-062F0900-RSM



TE Part # 2151016-2
OCEAN_2.0_APPLICATOR-S-062F0900A-RSA



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 2151016-1
OCEAN_2.0_APPLICATOR-S-062F0900-RSM

Customers Also Bought





TE Part #1-206062-6
CABLE CLAMP KIT #11



TE Part #211399-1
CPC PLUG ASSEMBLY SIZE 13-7



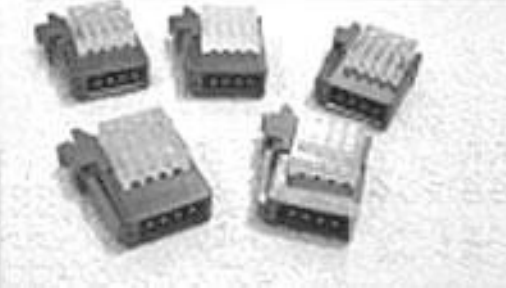
TE Part #1-644752-2
12P MTA156 HDR ASSY SQ STR F/L



TE Part #172234-1
3P MINI UNIVERSAL MATE-N-LOK CAP HOUSING



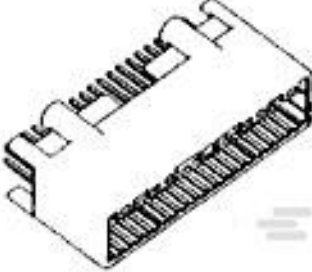
TE Part #206060-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part #4-1473562-6
RITS CONN. PLUG ASSY 6P GREEN



TE Part #2201855-3
MINI I/O PLUG KIT TYPE I LM MIX



TE Part #6318384-5
025 40POS CAP ASSY H AU



TE Part #CAT-SIGH262
Signal Header

Documents

Product Drawings
TYPE-3 SIZE 16 PIN ASSY

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_170245-2_O.3d_igs.zip

English

Customer View Model
ENG_CVM_170245-2_O.3d_stp.zip

English

Customer View Model
ENG_CVM_170245-2_O.2d_dxf.zip

English

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Product Specifications



Product Specification

English

Product Specification

English

Contact, Type VI

English