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Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

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

Operating Voltage: **250 VDC**

Features

Electrical Characteristics

Operating Voltage	250 VDC
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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]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Length	27.1 mm[1.067 in]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With



Contact Size	Size 16
Contact Base Material	Phosphor Bronze
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	Spring

Dimensions

Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]
Wire Size	394.71 – 1184.12 CMA

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	4000
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 # 5-2151016-1 OCEAN_2.0_APPLICATOR-S-062F090O-RSM	TE Part # 2151016-2 OCEAN_2.0_APPLICATOR-S-062F090OA-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE
TE Part # 2151016-1 OCEAN_2.0_APPLICATOR-S-062F090O-RSM	TE Part # 539972-1 EXTRACTION TOOL	TE Part # 200893-2 INSERTION TOOL CONT	TE Part # 7-2151016-7 OCEAN_2.0_SPARE_PART_KIT-062F090O
TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE	TE Part # 5-2151016-2 OCEAN_2.0_APPLICATOR-S-062F090O-RSA	TE Part # 305183 EXTRACT TOOL TYPE 2 20-16

Also in the Series | AMP Type III+



Connector Contacts(260)

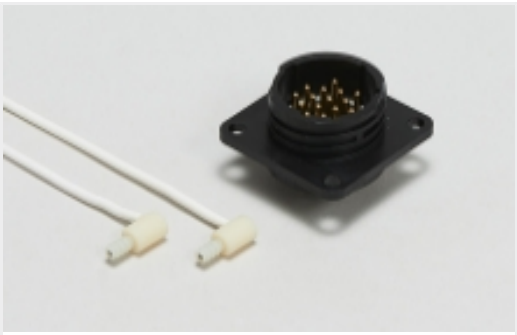


Insertion & Extraction Tools(4)



Power Contacts(260)

Also in the Series | [Circular Plastic Connectors Series 1](#)



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



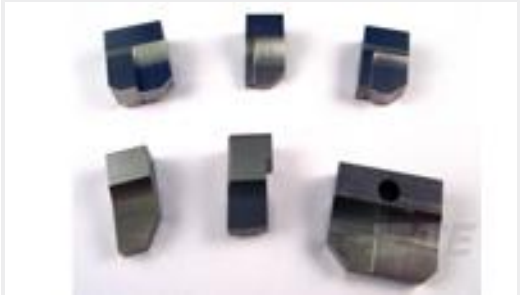
ANVIL REPRESENTATION ONLY
TE Part #1803058-6
[ANVIL COMBINATION](#)



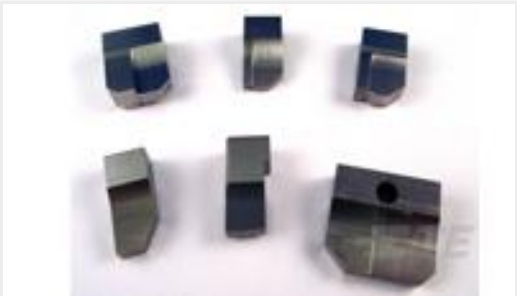
TE Part #3-1633730-8
[CRIMPER, WIRE F .110F](#)



CRIMPER REPRESENTATION ONLY
TE Part #1-1803260-3
[CRIMPER, INSULATION F PREMIUM](#)



TE Part #1338673-1
[ANVIL](#)



TE Part #7-1633131-1
[ANVIL, COMBINATION .080](#)



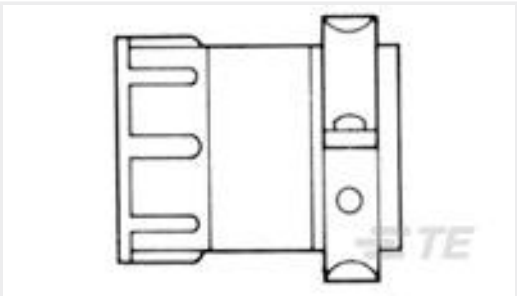
TE Part #2294562-1
[UMN L TWIST-N-LOK, 5POS, CAP HOUSING](#)



TE Part #1-1633965-8
[CRIMPER, INSUL O PREMIUM](#)



TE Part #2151181-1
[OCEAN_2.0_APPLICATOR-S-080F160O-RSM](#)



TE Part #1-206322-0
[CABLE CLAMP KIT, BULK PKG](#)



TE Part #63748-1
[187 FASTON FLAG REC 20-16 AWG BR](#)



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-66102-2_BB.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-66102-2_BB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-66102-2_BB.3d_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English