



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Precious Metal**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

Features

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	Bright
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
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
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Dimensions

Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Wire Size	.8 – 2 mm²

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 # 5-2151101-1 OCEAN_2.0_APPLICATOR-S-090F120O-RSM	TE Part # 5-2151101-2 OCEAN_2.0_APPLICATOR-S-090F120O-RSA	TE Part # 2151101-2 OCEAN_2.0_APPLICATOR-S-090F120O-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp
TE Part # 539972-1 EXTRACTION TOOL	TE Part # 2151101-1 OCEAN_2.0_APPLICATOR-S-090F120O-RSM	TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	TE Part # 7-2151101-7 OCEAN_2.0_SPARE_PART_KIT-090F120O
TE Part # 200893-2 INSERTION TOOL CONT	TE Part # 91519-1 CCII TYPE III+ PIN SKT 18-14 ASSY		

Also in the Series | AMP Type III+

Connector Contacts(260)	Insertion & Extraction Tools(4)	Power Contacts(260)
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Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)

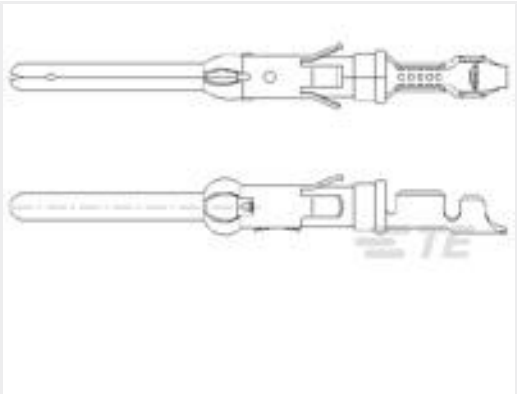


Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #163085-8
.062 DIA PIN ASS 3+



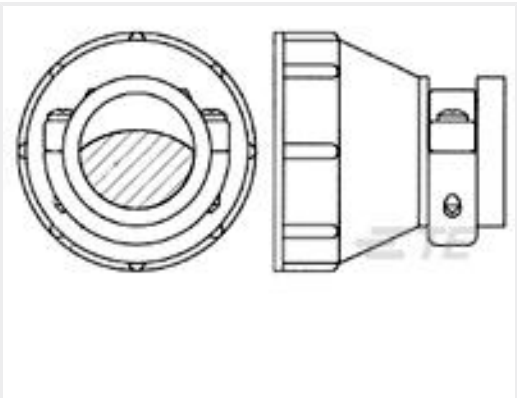
TE Part #EH2297-000
DWFR-12/3-0-STK



TE Part #T4110002041-000
M12,FEMALE,STRAIGHT,A CODE,4P, PG9,GOLD



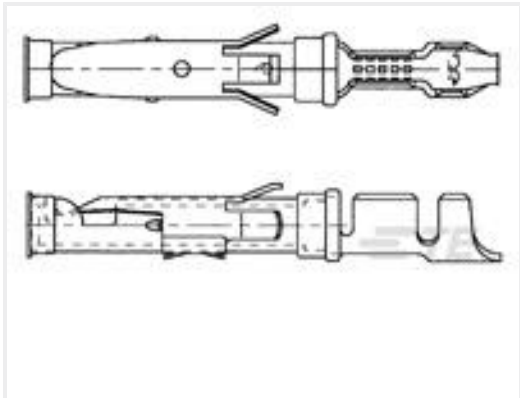
TE Part #206966-7
CABLE SHELL CLAMP SIZE 13



TE Part #182655-1
17 SIZE CPC STD CLAMP



TE Part #1838893-1
M12 Mtl MALE PNL CONN. Slcr Re



TE Part #163087-8
062 SOC.ASS. TYP3+



TE Part #3-641190-4
04P MTA100 CONN ASSY RED LF



TE Part #480435-1
187 FASTON HSG. REC 1P NATURAL



TE Part #5227079-5
COMM BNC PLUG

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_66359-5_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66359-5_AG.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_66359-5_AG.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Instruction Sheets

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

Japanese

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

English