



Connectors > Contacts > Connector Contacts



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

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Tin
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
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Dimensions

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

Usage Conditions

Operating Temperature Range	-55 - 90 °C[-67 - 194 °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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2151101-1
OCEAN_2.0_APPLICATOR-S-090F120O-RSM



TE Part # 2151101-2
OCEAN_2.0_APPLICATOR-S-090F120O-RSA



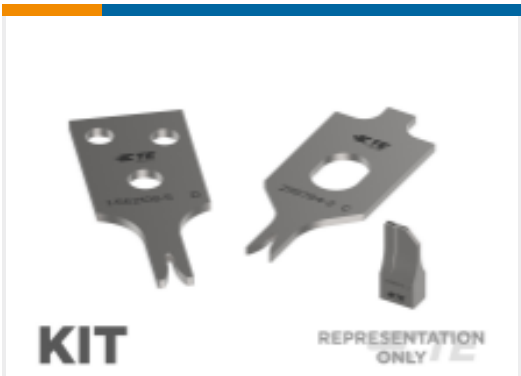
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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 # 7-2151101-7
OCEAN_2.0_SPARE_PART_KIT-090F120O

Also in the Series | AMP Type III+



Connector Contacts(409)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part # 5749621-8
80 50S CABLE PLUG CONN/COV KIT

TE Part # 788158-2
SLD CPC RCPT ASSY,13-9,STD SEX

TE Part # 5554434-1
EMI RCPT ASSY,24 POSN,SHLD

TE Part # 770849-4
04P SL156 HSG W/LCK RMP & TABS

TE Part # 1-111382-4
10 DIP PLUG, LEAD FREE

TE Part # 3-520406-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR

TE Part # 1719256-2
4 POS GET 0.64 REC HSG

TE Part # 5225395-1
BNC PLUG DUAL CRIMP RG58,A,B,C

TE Part # 1658622-5
24 NOVO MIL/CTR 30DP,LEAD FREE

TE Part # 5749205-1
80 50SR KIT,75D,UK

Documents

Product Drawings
III+ PIN, 18-14,TIN,STRIP

English

CAD Files
Customer View Model
ENG_CVM_CVM_1-66359-5_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-66359-5_AG.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-66359-5_AG.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