



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin (Sn)**
Wire Contact Termination Area Plating Material: **Tin**
Contact Size: **Size 16**
Wire Size: **18 – 14 AWG**

Features

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
Mechanical Attachment	
Wire Insulation Support	With
Dimensions	
Wire Size	.8 – 2 mm²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Usage Conditions	
Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]
Operation/Application	
Circuit Application	Power & Signal
Identification Marking	
Contact Color Code	Violet
Packaging Features	
Packaging Quantity	100
Packaging Method	Box, Loose Piece

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 305183
EXTRACT TOOL TYPE 2 20-16

TE Part # 539972-1
EXTRACTION TOOL

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)

Also in the Series | Circular Plastic Connectors Series 1

Circular Power Connectors(211)

Connector Contacts(260)

Power Contacts(260)

Customers Also Bought



TE Part #1-66103-9
III+ PIN,24-20,TIN,SMPACK



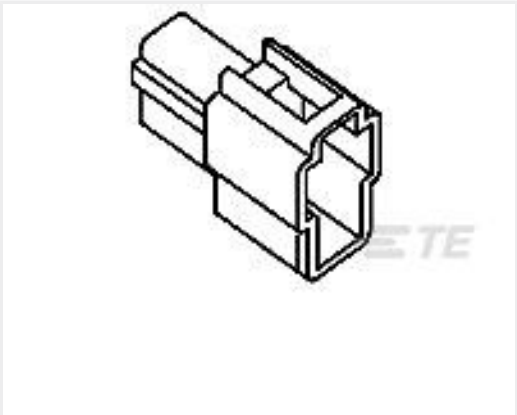
TE Part #2-66105-0
III+ SKT,24-20,TIN,SMPACK



TE Part #1-66107-1
III+ PIN,26-24,TIN,LP



TE Part #1-66360-2
III+ SKT,18-14,TIN ,LP



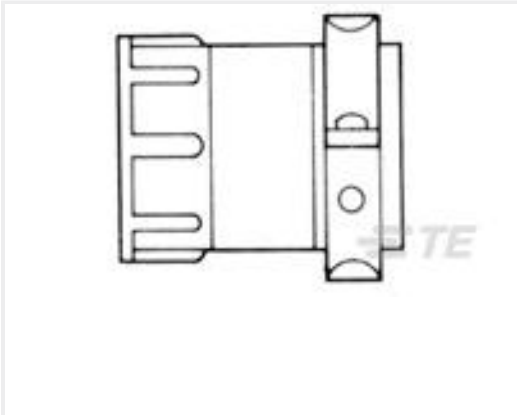
TE Part #172129-2
FF 250 PLUG HSG 2P NYLON BLACK



TE Part #206044-1
CPC PLUG ASSEMBLY SIZE 17-14



TE Part #1-206062-4
CABLE CLAMP KIT #11



TE Part #206322-6
CABLE CLAMP KIT,BULK PKG



TE Part #206429-1
CPC PLUG ASSY, 11-4, REV SEX



TE Part #211770-2
CPC PLUG ASSEMBLY SIZE 23-19

Documents

Product Drawings

III+ PIN,18-14,TIN,SMPACK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66361-3_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66361-3_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66361-3_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

1-66361-3

Tin (Sn), Pin Contact, 18 – 14 AWG, .8 – 2 mm² Wire, Size 16, Crimp, Brass, Power & Signal, -55 – 90 °C [-67 – 194 °F], AMP Type III+



Engineering Report

English