



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Contact Size: **Size 16**

Wire Size: **24 – 20 AWG**

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Contact Type	Socket
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

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	.2 – .6 mm²

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	100
Packaging Method	Box

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 # 200893-2
INSERTION TOOL CONT



TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 58495-2
PROCRIPPER DIE ASSY MULTIMATE



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

Also in the Series | AMP Type III+



Connector Contacts(260)

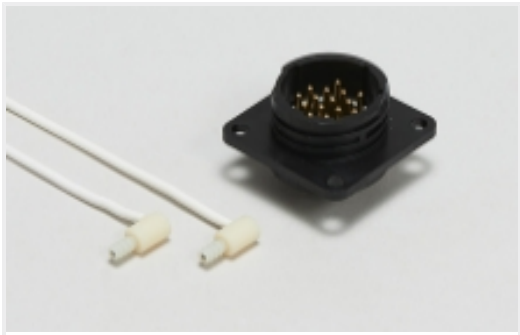


Insertion & Extraction Tools(4)



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 #7-2176412-9
5W XSM M/OX 5% 9K1



TE Part #1-66400-0
III+ PIN,24-20,TIN,LP



TE Part #DT04-12PA-P021
REC, 12P, GRY, BUSBAR 1X12, NICKEL, A



TE Part #796466-1
SLD CPC RCPT ASSY,23-16,STD SX



TE Part #87233-4
04 MODII HDR SRRA UNSHRD .100



TE Part #66400-4
III+ PIN,24-20,30AU/FL,LP



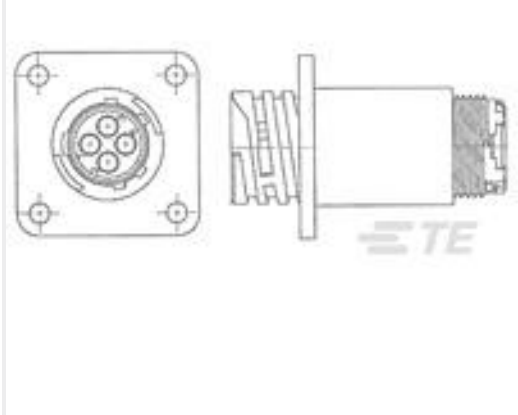
TE Part #2311767-1
AMPL REC, HD20, R/A, 15P, THREADED, .318



TE Part #1-66360-3
III+ SKT,18-14,TIN,SMPACK



TE Part #1-2176614-6
EP 10W (SS) 4R3 5% BULK BOX



TE Part #796286-1
RCPT.ASSY,23-37STD SEX SQ.FLNG

Documents

Product Drawings
III+ SKT,24-20,TIN,SMPACK

English

CAD Files
Customer View Model
ENG_CVM_CVM_1-66399-1_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1-66399-1_H.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1-66399-1_H.3d_stp.zip

English

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

Product Specifications

1-66399-1

Socket Contact, Tin (Sn), Size 16 Contact Size, 24 – 20 AWG, .2 – .6 mm² Wire, Crimp, Brass, Power & Signal, -55 – 90 °C [-67 – 194 °F], AMP Type III+



Product Specification

English