



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Gold**
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	.76 µm[30 µin]
Wire Contact Termination Area Plating Thickness	.12 – .2 µm[5 – 8 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Socket
Contact Mating Area Plating Material	Gold
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	1.02 – 2.03 mm[.04 – .08 in]
Wire Size	.2 – .6 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 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

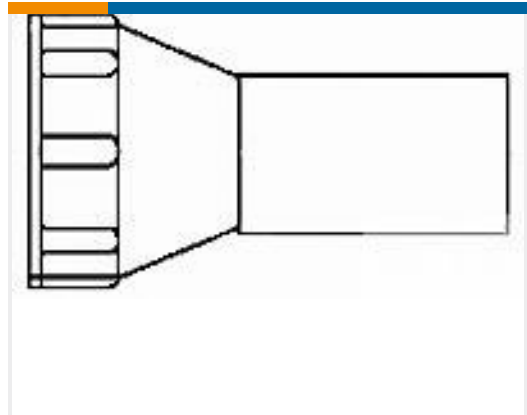
TE Part # 58495-2 PROCRIMPER DIE ASSY MULTIMATE	TE Part # 200893-2 INSERTION TOOL CONT	TE Part # 58495-1 PRO CRIMPER ASSY MULTIMATE	TE Part # 539972-1 EXTRACTION TOOL
TE Part # 305183 EXTRACT TOOL TYPE 2 20-16	TE Part # 2151016-2 OCEAN_2.0_APPLICATOR-S-062F090O-RSA	TE Part # 91505-1 CCII TYPE III+ 24-16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

Also in the Series | AMP Type III+

Connector Contacts(409)	Insertion & Extraction Tools(4)
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Customers Also Bought



 TE Part #4-640440-2 12P MTA100 CONN ASSY 22AWG RED	 TE Part #166054-1 HD20 PIN CONTACT	 TE Part #166052-1 TD 20 F CRIMP SOCKET WIRE SIZE	 TE Part #213933-1 CPC, STRAIN RELIEF, SIZE 17
 TE Part #2-66102-2 III+ PIN, 24-20, 30AU/FL, STRIP	 TE Part #54311-1 TERMINAL, PIDG R 26-24 8	 TE Part #2309409-3 DDR4 SODIMM 260P 5.2H STD	 TE Part #NB17554001 RT-375-1-X-SP
 TE Part #642845-000 CBR-2-1-A-(B3)	 TE Part #665143-000 S01-01-R		

Documents

Product Drawings

III+ SKT,24-20,30AU/FL,STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-66104-3_BT.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-66104-3_BT.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-66104-3_BT.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