



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 mm ²

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 PROCRIPPER DIE ASSY MULTIMATE	TE Part # 91505-1 CCII TYPE III+ 24-16 ASSY	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 # 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



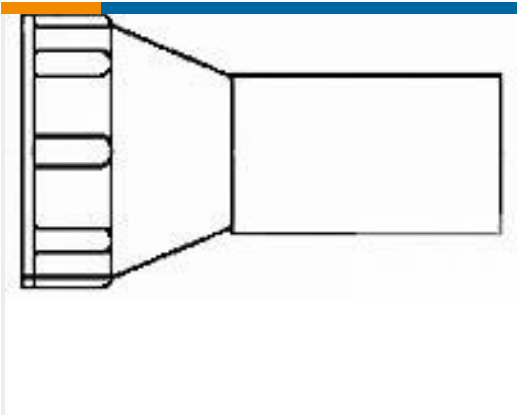
TE Part # 4-640440-2
12P MTA100 CONN ASSY 22AWG RED



TE Part # 166054-1
HD20 PIN CONTACT



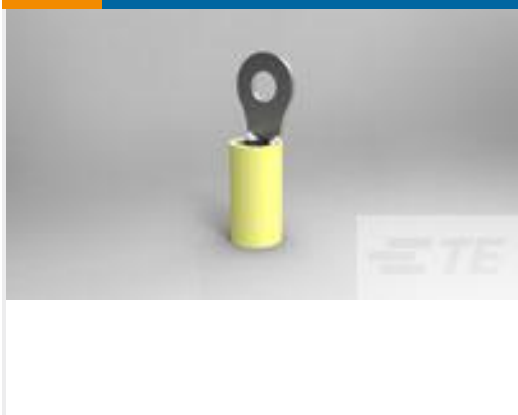
TE Part # 166052-1
TD 20 F CRIMP SOCKET WIRE SIZE



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