



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**
Contact Mating Area Plating Material: **Gold**
Wire Size: **.2 – .6 mm²**
Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Test Current	13 A
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Type	Socket
Contact Retention Within Housing	With
Mating Pin Diameter	1.57 mm[.062 in]
Contact Base Material	Brass
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material	Gold
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]



Contact Size	16
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.2 – .6 mm ²
Accepts Wire Insulation Diameter Range	1.02 – 2.03 mm [.04 – .08 in]

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 Method	Carton, Loose Piece
Packaging Quantity	1000

Other

Wire/Cable Type	Discrete Wire
For Use With	CPC Connectors, G Series Connectors, M Series Connectors

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20
ASSY

TE Part # 58495-2
PROCRIMPER 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

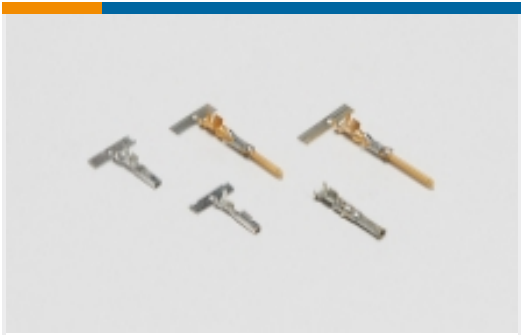
TE Part # 91515-3
CCII TYPE III+ MNL PIN SKT 30-20
HEAD

TE Part # 169400
CERTI-LOK

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(405)

Customers Also Bought



TE Part #1658641-3
D-Sub Crimp: Plug, Signal, 50 Posn, Pin Size 20, Shell Size 5



TE Part #1-178802-3
DYNAMIC 3100 REC AND TAB HSG



TE Part #1-353047-3
DYNAMIC 5000 REC AND TAB HSG



TE Part #1-1827864-3
DYNAMIC 1200 REC AND TAB HSG



TE Part #1-179555-3
DYNAMIC 3200 REC AND TAB HSG



TE Part #170204-4
170262-4 LP E1CRIMP SNAP IN



TE Part #1376807-2
DYNATAP CONN. 18P ASSY -DYNAMI



TE Part #1318095-1
DYNAMIC 3500 REC AND TAB HSG



TE Part #DTS24W11-35PA
Jam Nut: D38999, 11-35 Insert



TE Part #1428057-1
CIRCUIT BREAKER,MAGNETIC

Documents

Product Drawings

III+ SKT,24-20,30AU>10,LP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66105-1_AE.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_66105-1_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66105-1_AE.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Signal Contacts

English

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_66105-1_050320181327_dmtec](#)

English

[MD_66105-1_050320181327_dmtec](#)

English

Instruction Sheets

Instruction Sheet (U.S.)

English

[Instruction Sheet \(U.S.\)](#)

Japanese