1-66109-6 ✔ ACTIVE

AMP | Circular Plastic Connectors Series 1, AMP Type III+

TE Internal #: 1-66109-6

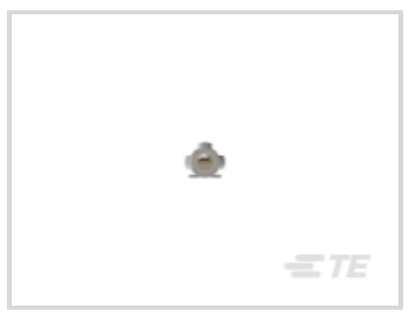
Gold (Au), Socket Contact, 26 – 24 AWG, .12 – .2 mm² Wire, Size 16, Crimp, Brass, Power & Signal, -55 – 90 °C [-67 – 194 °F], AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

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

Contact Size: **Size 16**

Wire Size: **26 – 24 AWG**

Features

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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	.76 µm[30 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	.76 µm[30 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	.12 – .2 mm²
Compatible Insulation Diameter Range	.89 – 1.4 mm[.035 – .055 in]

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL

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 # 200893-2
INSERTION TOOL CONT



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE

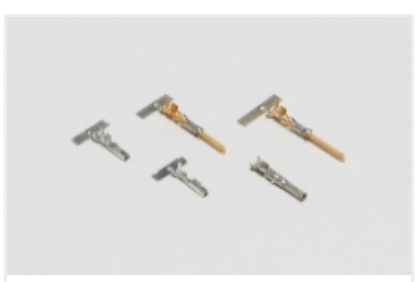
Also in the Series | AMP Type III+



Connector Contacts(260)

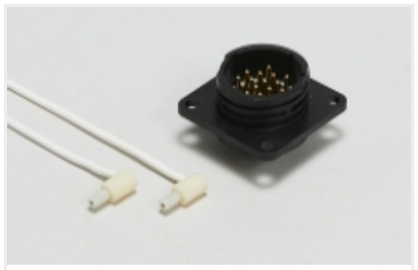


Insertion & Extraction Tools(4)



Power Contacts(260)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

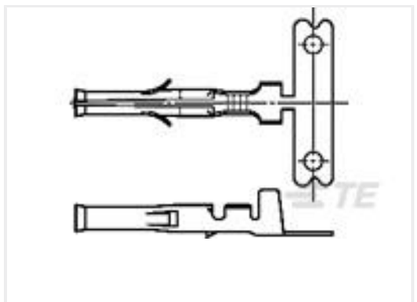
Customers Also Bought



TE Part #TAD14141311-001
M12D4-MS-PVC TYPE B RED-0.5M



TE Part #2-322336-2
DIAMOND GRIP 16-14 HT R 6,TAPE



TE Part #640392-1
.062 COMM P&S SOK 24-30 PTPBR



TE Part #1-1624094-5
3613C 3.3UH 10%



TE Part #3-1624113-6
3650 0805 33nH 5% 2K RL



TE Part #1734098-7
Champ050 68p A/P RCPT 25CL PB



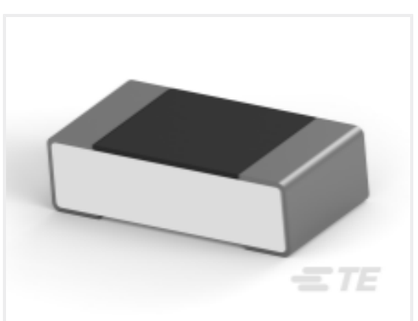
TE Part #7-1879337-5
CPF 0603 14K7 1% 50PPM 1K RL



TE Part #8-1879338-8
CPF 0603 215K 1% 50PPM 1K RL



TE Part #3-1879745-0
RP 1J 1K1 0.1% 15PPM CUT LENGTH



TE Part #3-2176368-4
RQ 0603 110K 0.1% 10PPM 1K RL

Documents

Product Drawings

III+ SKT,26-24,30AU/FL,SMPACK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66109-6_W.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66109-6_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66109-6_W.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English