2-66104-3 ✔ ACTIVE

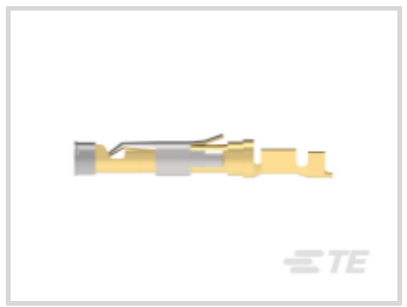
AMP | AMP Type III+, Circular Plastic Connectors Series 1

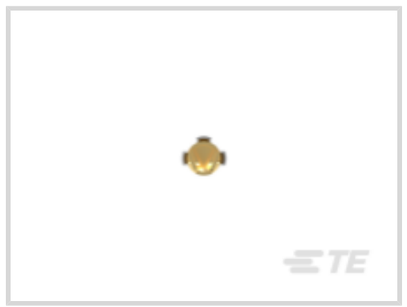
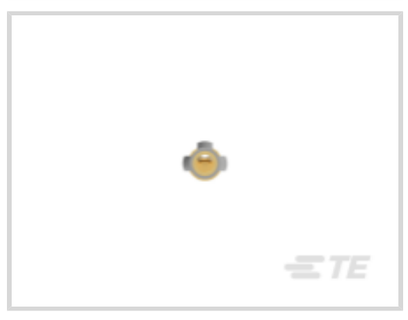
TE Internal #: 2-66104-3

Gold (Au), Socket Contact, 24 – 20 AWG, 250 VAC, 250 VDC, .2 – .6 mm² Wire, Spring Contact Retention, 394.71 – 1184.12 CMA, Size 16, 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**

Operating Voltage: **250 VDC**

Features

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
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
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

Contact Retention Type Within Housing	Spring
Wire Insulation Support	With

Dimensions

Wire Size	394.71 – 1184.12 CMA
Compatible Insulation Diameter Range	1.02 – 2.03 mm[.04 – .08 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal

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: 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 # 200893-2
INSERTION TOOL CONT



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 2151016-2
OCEAN_2.0_APPLICATOR-S-062F090OA-RSA



TE Part # 2151016-1
OCEAN_2.0_APPLICATOR-S-062F090O-RSM



TE Part # 5-2151016-1
OCEAN_2.0_APPLICATOR-S-062F090O-RSM



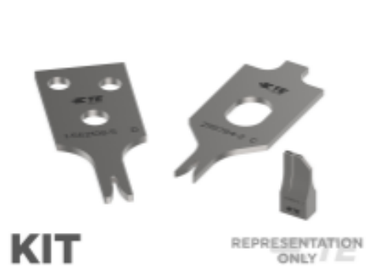
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



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



TE Part # 7-2151016-7
OCEAN_2.0_SPARE_PART_KIT-062F090O



TE Part # 5-2151016-2
OCEAN_2.0_APPLICATOR-S-062F090O-RSA



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

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)

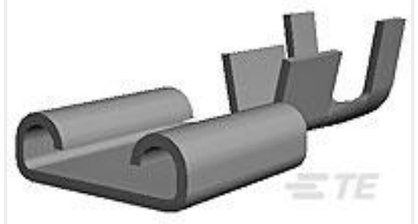


Connector Contacts(260)

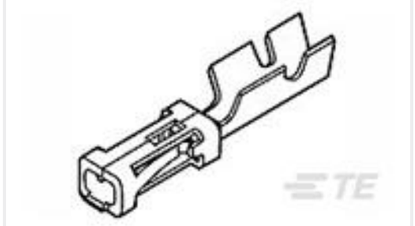


Power Contacts(260)

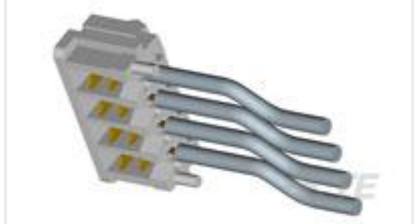
Customers Also Bought



TE Part #5-160432-3
250 FASTON REC 20-16 AWG BR



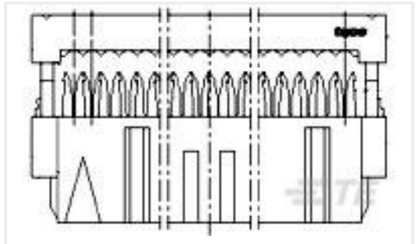
TE Part #166309-2
MOD-5 REC.CONTACT



TE Part #173977-4
CT CONN MT REC ASSY 4P



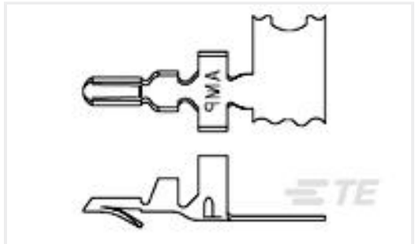
TE Part #213973-1
METRIMATE 30P PLUG HOUSING



TE Part #1-215882-4
14 WAY BLACK MK II RECP



TE Part #321884
TERM, STRAT,SOLIS, HT, 22-16, #4



TE Part #3-640108-1
AMP-IN, MINI 26-22 008PTLPHBZ



TE Part #925369-2
MOD 4 REC.HSG 1X02P



TE Part #1-925369-6
MOD 4 REC.HSG 1X16P



TE Part #1-100103-0
10P.A/L.STRAIN REL.

Documents

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