

66100-6 ✓ ACTIVE

AMP | AMP Type III+

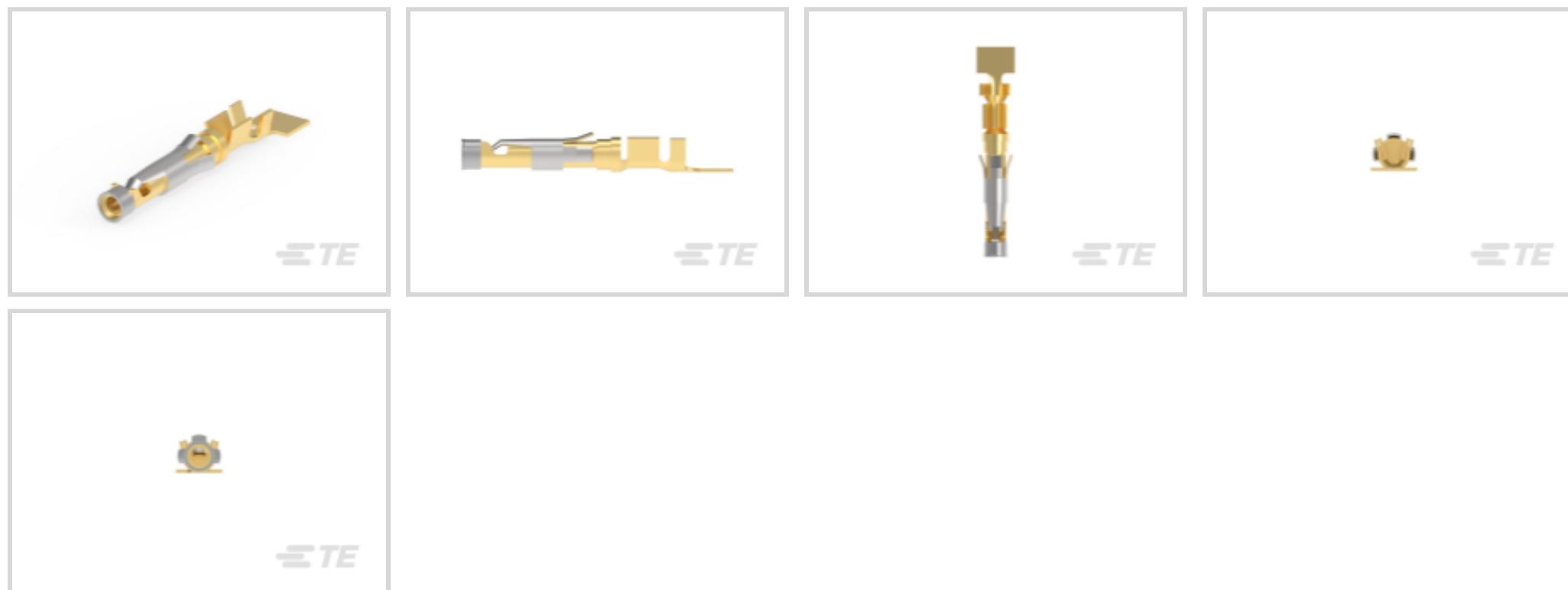
TE Internal #: 66100-6

Power Contacts, Contact, Gold, 18 – 16 AWG Wire Size, .8 – 1.4 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Gold**

Wire Size: **.8 – 1.4 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]
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material	Gold
Wire Contact Termination Area Plating Material Finish	Matte



Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 μm[30 μin]
Contact Size	16

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Snap-In
Wire Insulation Support	With

Dimensions

Wire Size	.8 – 1.4 mm ²
Accepts Wire Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 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	Reel
Packaging Quantity	4000

Other

Wire/Cable Type	Discrete Wire
For Use With	M Series Connectors
Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., Wire strip length-- 3.96 [.156] for all wire sizes.

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 2022 (224)
 Candidate List Declared Against: JUNE 2022 (224)
 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 # 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 # 2305570-1
TERMINAL CUTTER, SIDE FEED

TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F1200




TE Part # 2-2151023-1
OCEAN_2.0_Applicator-S-080F1200



TE Part # 2-2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F1200



TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F1200



TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F1200



TE Part # 2266714-1
OC-AT-S-FM-080F120OV-001-0021



TE Part # 2266714-2
OC-AT-S-FA-080F120OV-001-0021




TE Part # 2-2266714-1
OC-PA-S-FM-080F120OV-001-0021




TE Part # 2-2266714-2
OC-PA-S-FA-080F120OV-001-0021

Also in the Series | AMP Type III+



Insertion & Extraction Tools(4)



Power Contacts(414)

Customers Also Bought



TE Part #3-640623-5
05P MTA100 CONN ASSY GRN LF



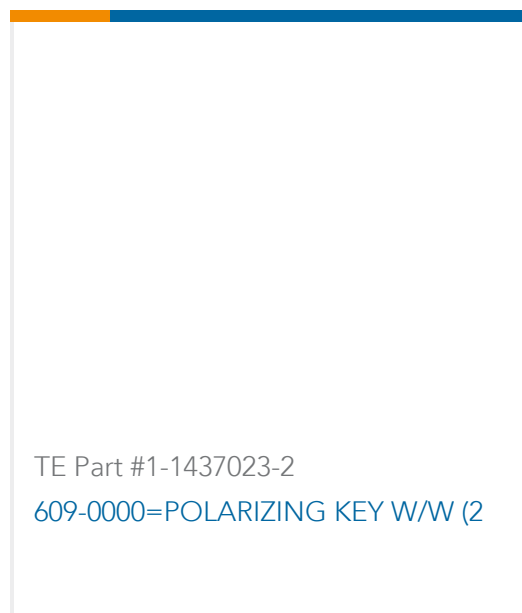
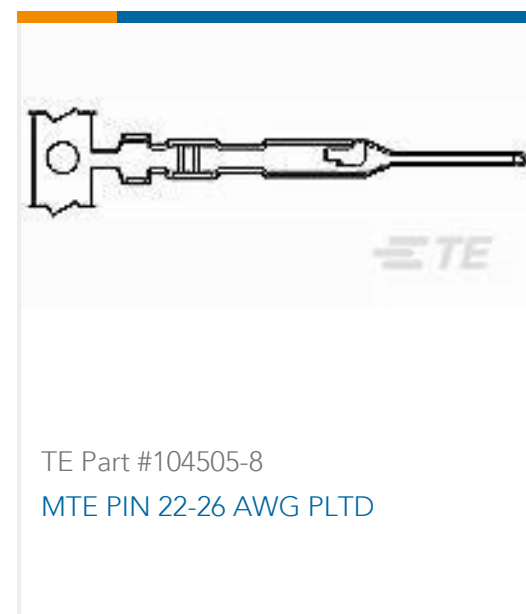
TE Part #3-641238-9
09P MTA100 CONN ASSY NATL 30AU



TE Part #66098-6
III+ PIN,18-16,30AU>10,STRIP



TE Part #66104-1
III+ SKT,24-20,30AU>10,STRIP



Documents

Product Drawings

III+ SKT,18-16,30AU>10,STRIP

English

CAD Files

Customer View Model

ENG_CVM_CVM_66100-6_BJ.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_66100-6_BJ.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_66100-6_BJ.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English



Instruction Sheets

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

Japanese

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

English

Agency Approvals

[Agency Approval Document](#)

English