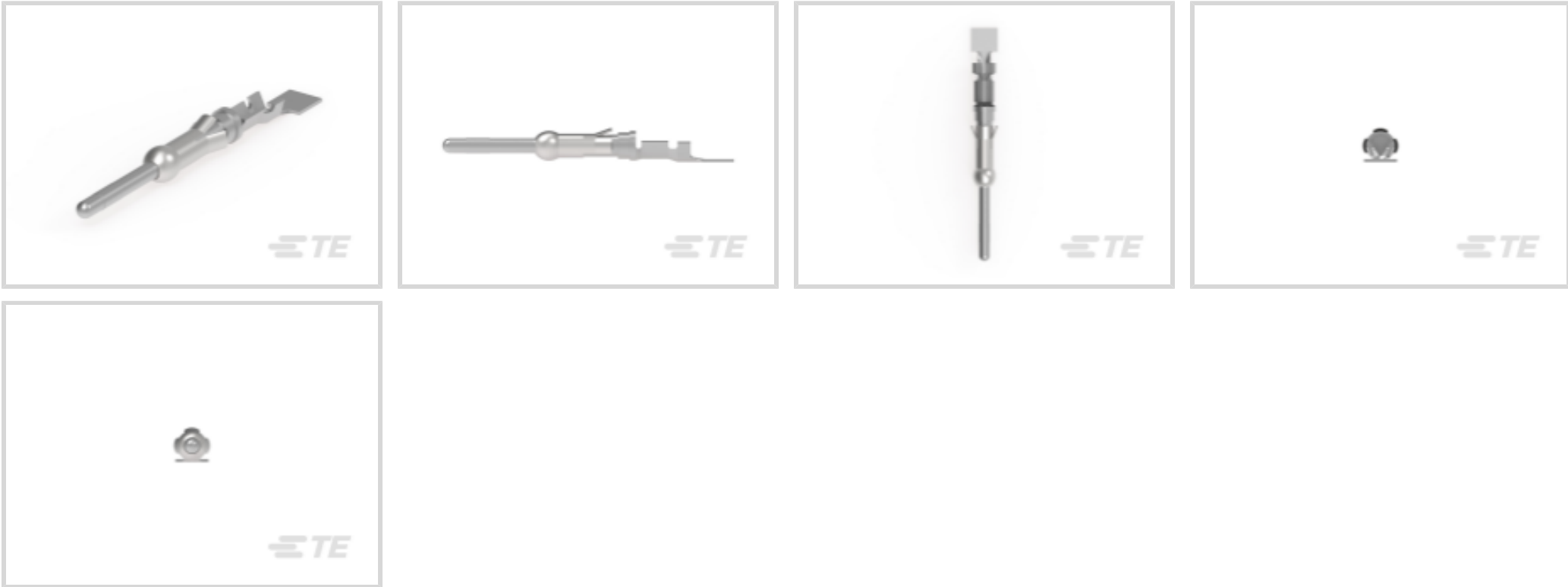




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

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

Contact Size: **Size 16**

Wire Size: **24 - 20 AWG**

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	.25 µm[10 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Precious Metal
Wire Contact Termination Area Plating Material	Gold
Contact Size	Size 16
Contact Base Material	Brass
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	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: 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 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 # 91515-1 CCII TYPE III+ MNL PIN SKT 30-20 ASSY	TE Part # 169400 CERTI-LOK FRAME W/O DIES ASSY

Also in the Series | AMP Type III+

Connector Contacts(409)	Insertion & Extraction Tools(4)
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Customers Also Bought

TE Part # 208486-3 CMC PLUG ASSEMBLY,SZ 22	TE Part # T4062224004-001 RPC-M8-4MR-0.5SH-M8-4FR-PUR	TE Part # 176276-1 AMP UNIVERSAL POWER PLUG 9P	TE Part # 66565-1 III+ SKT,24-20,30AU>10,LP
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TE Part # 176297-1
UNIV POWER CAP HSG 9P P/MOUNT

TE Part # 171551-2
P.G SPADE

TE Part # 640550-9
09P MTA100 COVER

TE Part # 3-643816-4
04P MTA100 CONN ASSY POL RIB

TE Part # 1-2273001-3
M8 x 1.0 straight socket Pigtail

Documents

Product Drawings

III+ PIN,24-20,30AU>10,SMPACK

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-66103-4_AL.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66103-4_AL.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66103-4_AL.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

1-66103-4

Pin Contact, Precious Metal, Size 16 Contact Size, 24 - 20 AWG Wire Size, .2 - .6 mm²
Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

