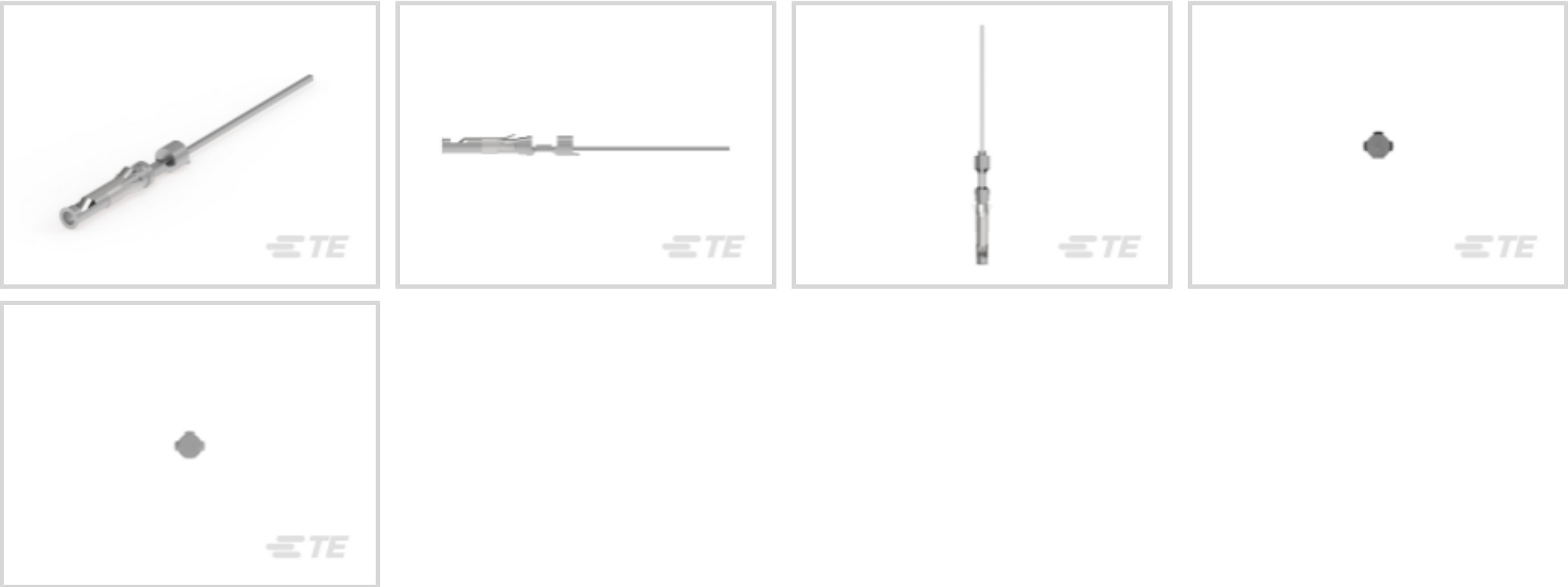




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Contact Size: **Size 16**

Wire Size: **32 AWG**

Features

Contact Features

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Square
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Wire Size	.03 mm ²
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	1000
Packaging Method	Carton

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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 6-66460-7

PIN,.062 DIA,.025 SQ POST,LP

Also in the Series | AMP M Series

Board-to-Board Jumpers & Shunts(5)

Connector Contacts(51)

Connector Hardware(47)

Power Contacts(51)

Rectangular Connector Housings(77)

Rectangular Power Connectors(82)

Standard Rectangular Connectors(81)

Customers Also Bought

TE Part #2176163-4

UPF50 0.1% 5PPM 10R

TE Part #206429-1

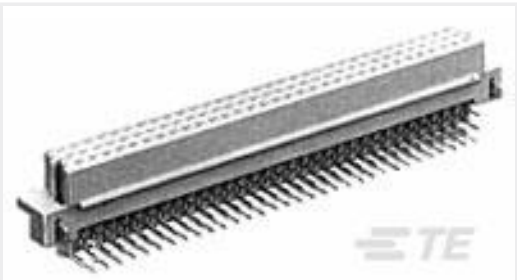
CPC PLUG ASSY, 11-4, REV SEX

TE Part #61174-1

CMNL PIN L/P PTBR

TE Part #5-103957-9

2X10 MTE RCPT SR LATCH .100CL



TE Part #5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part #5650479-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



TE Part #1-66105-9
III+ SKT,24-20,TIN,LP



TE Part #1-480424-0
04P CMNL PLUG HSG F/H NATL



TE Part #60617-1
CMNL SOK SNBR L/P



TE Part #2199230-4
M.2 0.5PITCH 4.2H KEY E 15U" AU

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-66461-8_BV.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-66461-8_BV.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-66461-8_BV.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Autowire Contacts and Connectors

English