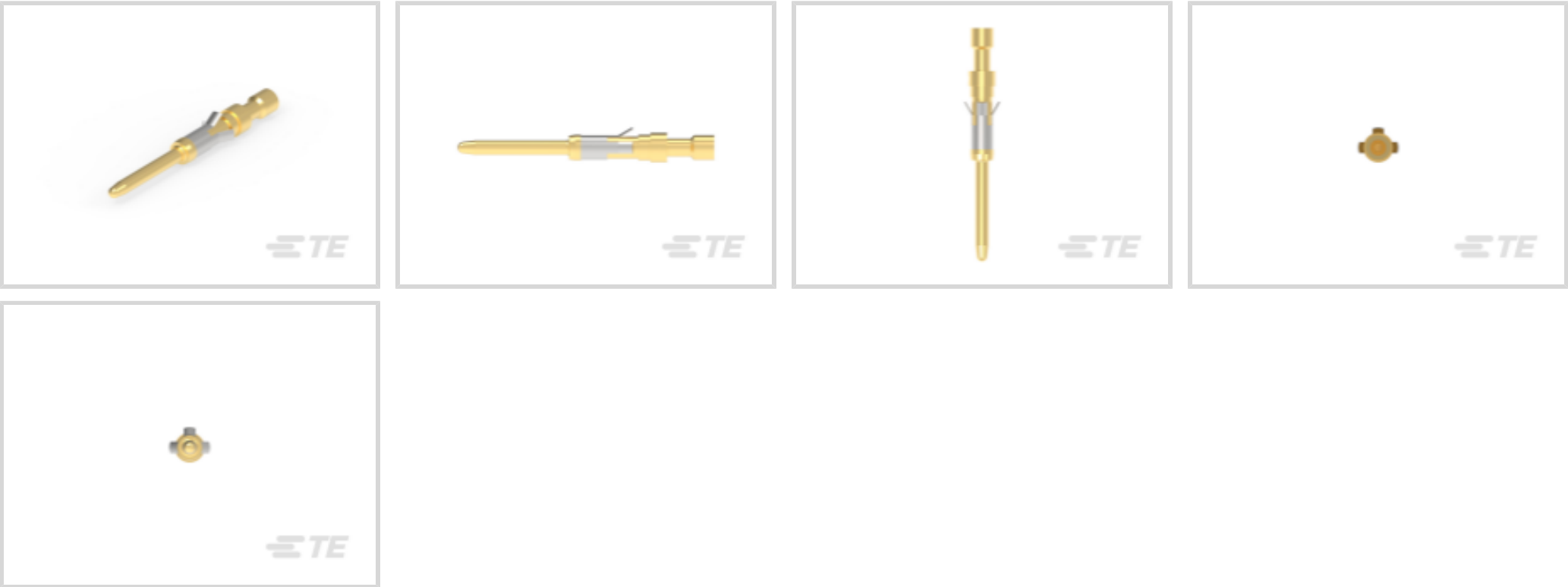




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**
Contact Mating Area Plating Material: **Gold (Au)**
Wire Contact Termination Area Plating Material: **Gold**
Contact Retention Within Housing: **With**
Contact Retention Type Within Housing: **Snap-In**

Features

Product Type Features

Sealable	No
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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	.76 µm[30 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	With



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
Contact Retention Type Within Housing	Snap-In

Dimensions

Compatible Insulation Diameter Range	.89 – 1.4 mm[.035 – .055 in]
Wire Size	.08 – .24 mm²

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Contact Color Code	Red
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Packaging Features

Packaging Method	Loose Piece
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (3.7% in 74019790) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

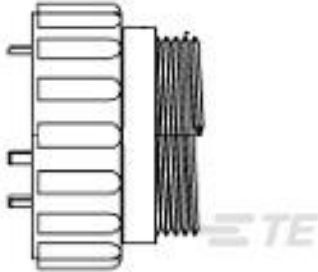


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

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 # 1977878-1 SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST	 TE Part # 200893-2 INSERTION TOOL CONT	 TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 208716-1 CMC PLUG ASSEMBLY,SZ 14
 TE Part # 213853-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 1-601967-6 POSITIONER TYPE II CONTACTS	 TE Part # 213849-1 CPC PLUG ASSEMBLY SIZE 17-16	 TE Part # 208718-2 CMC PLUG ASSEMBLY,SZ 14-5
 TE Part # 211770-2 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 796274-1 SLD CPC PLUG ASSY,17-16,STD SX	 TE Part # 796274-2 SLD CPC PLUG ASSY,17-16,STD SX	 TE Part # 796188-1 SLD CPC PLUG ASSY,23-24,STD SX



TE Part # 796271-1
SLD CPC PLUG ASSY,17-14,REV SX

TE Part # 206708-1
CPC PLUG ASSEMBLY SIZE 13-9

TE Part # 208718-1
CMC PLUG ASSEMBLY,SZ 14-5

TE Part # 208470-1
CMC PLUG ASSEMBLY,SZ 28

TE Part # 211400-1
CPC PLUG ASSEMBLY SIZE 13-7

TE Part # 213848-1
CPC PLUG ASSEMBLY SIZE 23-37

TE Part # 211768-1
CPC PLUG ASSEMBLY SIZE 17-9

TE Part # 208457-1
CMC PLUG ASSEMBLY,SZ 28-24

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 #166995-2
20DP CRIMP PIN

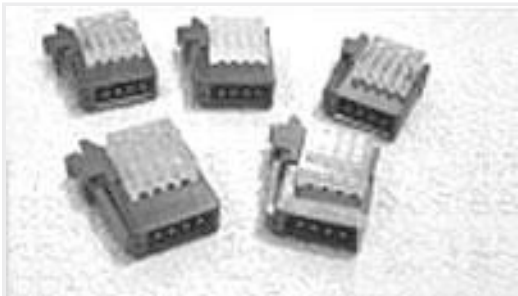
TE Part #91538-1
CCII TYPE II PIN SKT 30-20 ASSY

TE Part #1473562-5
RITS CONN. PLUG ASSY 5P YELLOW

TE Part #3-1393247-7
W31-X2M1G-3=W23/W31



TE Part #2-1473562-3
RITS CONN. PLUG ASSY 3P BLUE



TE Part #3-1473562-3
RITS CONN. PLUG ASSY 3P ORANGE



TE Part #1473562-6
RITS CONN. PLUG ASSY 6P YELLOW



TE Part #159310-000
SO63-5-55-22-5



TE Part #587725-000
SO3-08-R



TE Part #1-601967-6
POSITIONER TYPE II CONTACTS

Documents

Product Drawings
CONTACT PIN ASSY.

English

CAD Files

Customer View Model

ENG_CVM_201611-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_201611-1_N.3d_stp.zip

English

Customer View Model

ENG_CVM_201611-1_N.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_201611-1_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_201611-1_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_201611-1_W.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

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English

Product Specifications

Application Specification

Japanese

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Application and Maintenance for Crimping Die Assemblies

English

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English