



Connectors > Contacts > Connector Contacts



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

Features

Product Type Features

Discrete Wire Type	Solid, Stranded
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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	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin



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	.12 – .2 mm²

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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Identification Marking

Contact Color Code	Black
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Industry Standards

Compatible With Agency/Standards Products	CSA
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel, Reverse 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: 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
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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 # 2266335-2 OCEAN_2.0_APPLICATOR-S-055F0700-RSA	 TE Part # 208488-3 CMC PLUG ASSEMBLY,SZ 22	 TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9	 TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19
 TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19	 TE Part # 208714-2 CMC PLUG ASSEMBLY,SZ 14-7	 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37



TE Part # 206554-1
CPC PLUG ASSEMBLY SIZE 17-16

TE Part # 208720-1
PLUG ASSY,SZ 14,CMC

TE Part # 208470-3
CMC PLUG ASSEMBLY,SZ 28

TE Part # 1977887-1
PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS

TE Part # 788153-2
SLD CPC PLUG ASSY,11-4,REV SEX

TE Part # 7-2266335-7
OCEAN_2.0_SPARE_PART_KIT-055F0700

TE Part # 305183
EXTRACT TOOL TYPE 2 20-16

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

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)

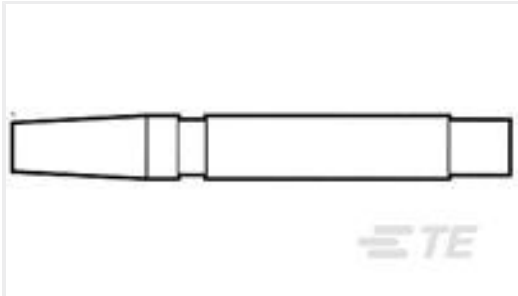


Power Contacts(260)

Customers Also Bought



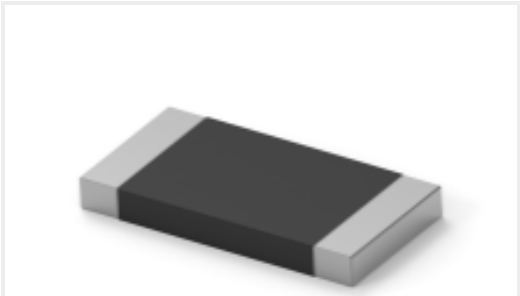
TE Part #182919-1
CPC FR-HANG RCP



TE Part #200821-1
CMNL KEYING PLUG



TE Part #3-643815-6
06P MTA100 CONN ASSY POL RIB



TE Part #6-2176422-2
TLRP 2512 3.0W R033 1% 50PPM 4K RL



TE Part #1-206062-4
CABLE CLAMP KIT #11



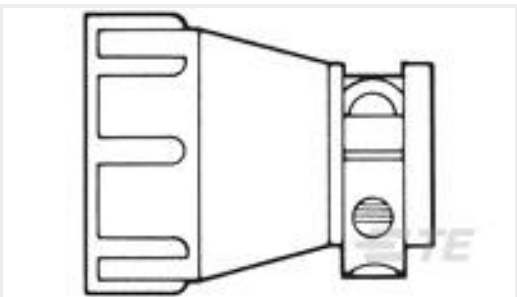
TE Part #182645-1
13-9 CPC PLUG



TE Part #58246-1
MTA 100 CRIMP HEAD REPAIR
DISCRETE



TE Part #1-66098-8
III+ PIN,18-16,TIN STRIP



TE Part #206966-9
CABLE CLAMP KIT, BULK PKG



TE Part #36154
PIDG R 22-16 COMM 22-18 MIL 10

Documents

Product Drawings
III+ PIN,26-24,TIN,STRIP

English

CAD Files
Customer View Model
ENG_CVM_CVM_1-66106-5_AS.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-66106-5_AS.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66106-5_AS.3d_stp.zip](#)

English

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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