



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**

Wire Size: **18 – 14 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]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Finish	Bright
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Nickel Alloy
Contact Current Rating (Max)	25 A

Termination Features



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

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]
Wire Size	.8 – 2 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Packaging Features

Packaging Method	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
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 # 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

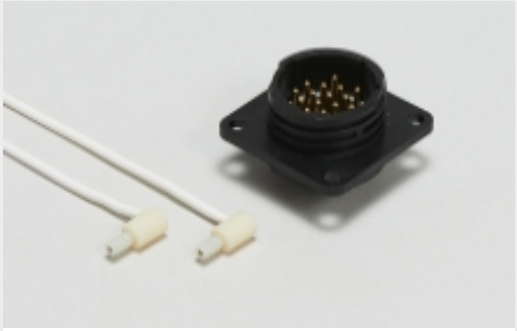


TE Part # 208457-1
CMC PLUG ASSEMBLY, SZ 28-24



TE Part # 206837-1
CPC PLUG ASSEMBLY SIZE 23-24

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #917512-2
DYNAMIC D-3 TAB CONT. 2L AU 0.38 L/P



TE Part #1-2273122-2
M12 angled plug to M12 strgt socket AA



TE Part #211399-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part #T1240100132-000
H10B-TGH-M32



TE Part #T2030002015-000
CEF-1.5



TE Part #1-1734248-9
1.0 FPC, ZIF V/T, SMT, 19P



TE Part #211401-1
RECEPT, SZ 13-7, CPC



TE Part #1-66358-7
III+ SKT, 18-14, TIN ,STRIP



TE Part #1-66360-6
III+SKT, 18-14, TIN STRIP LP



TE Part #342759-000
202W312-12-0



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-66359-9_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-66359-9_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-66359-9_AG.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

Signal Contacts

English

Product Specifications

Product Specification

English