1-66359-9 ✔ ACTIVE

AMP | Circular Plastic Connectors Series 1

TE Internal #: 1-66359-9

Tin (Sn), Pin Contact, 18 – 14 AWG, .8 – 2 mm² Wire, Crimp, Copper Nickel Alloy, Power & Signal, Circular Plastic Connectors Series 1

View on TE.com >

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 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
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With

Dimensions

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

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 208488-3
CMC PLUG ASSEMBLY,SZ 22



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



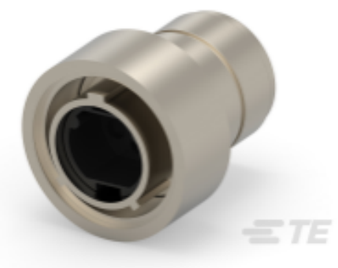
TE Part # 208714-2
CMC PLUG ASSEMBLY,SZ 14-7



TE Part # 213852-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 211766-1
CPC PLUG ASSEMBLY SIZE 17-9



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



TE Part # 211772-1
CPC PLUG ASSEMBLY SIZE 23-19



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



TE Part # 2151101-1
OCEAN_2.0_APPLICATOR-S-090F120O-RSM



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



TE Part # 206060-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37



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



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



TE Part # 7-2151101-7
OCEAN_2.0_SPARE_PART_KIT-090F120O



TE Part # 1977878-1
SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 211770-2
CPC PLUG ASSEMBLY SIZE 23-19

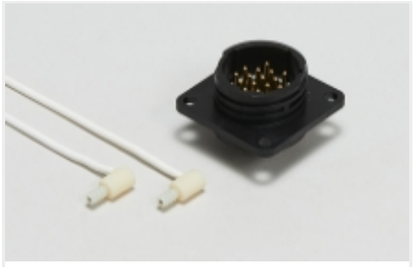


TE Part # 208716-1
CMC PLUG ASSEMBLY,SZ 14



TE Part # 213853-1
CPC PLUG ASSEMBLY SIZE 23-19

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)

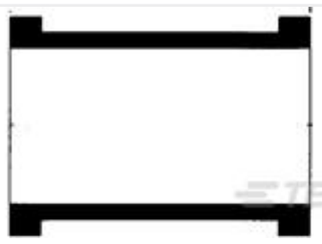


Power Contacts(260)

Customers Also Bought



TE Part #T1240100132-000
H10B-TGH-M32



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



TE Part #T2030002015-000
CEF-1.5



TE Part #1-66358-6
III+ SKT,18-14,TIN ,STRIP



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



TE Part #2-66358-1
III+SKT,18-14,TIN STRIP



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



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



TE Part #211770-2
CPC PLUG ASSEMBLY SIZE 23-19



TE Part #211771-1
23-19 CPC RECEPT, STND SEX

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