213603-5 ✔ ACTIVE

AMP | AMP Circular Plastic Connectors

TE Internal #: 213603-5

Tin (Sn), Pin Contact, 18 – 14 AWG, .8 – 2 mm² Wire, Size 16, Crimp, Brass, Power, -55 – 90 °C [-67 – 194 °F], AMP Circular Plastic Connectors

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**

Contact Size: **Size 16**

Features

Product Type Features

Sealable	No

Contact Features

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
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 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	Without

Dimensions

Wire Size	.8 – 2 mm²
Compatible Insulation Diameter Range	2.79 – 3.81 mm[.11 – .15 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	4000
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 # 2151405-1
OCEAN_2.0_Applicator-S-090F155O-RSM



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



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



TE Part # 206429-1
CPC PLUG ASSY, 11-4, REV SEX



TE Part # 796094-2
SLD CPC PLUG ASY,11-4,STD SEX



TE Part # 2151405-2
OCEAN_2.0_Applicator-S-090F155O-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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



TE Part # 206516-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 7-2151405-7
OCEAN_2.0_SPARE_PART_KIT-090F155O



TE Part # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY

Also in the Series | AMP Circular Plastic Connectors



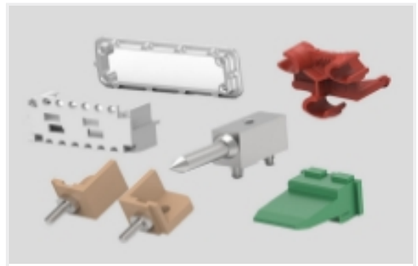
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



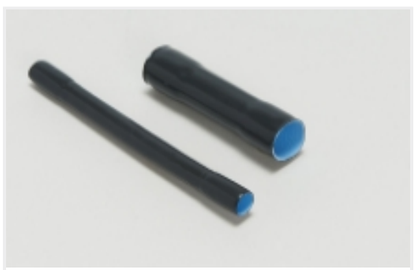
Connector Contacts(6)



Connector Hardware(10)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #GA50K6A1A
DISCRETE 50K OHMS,+/-0.1C FROM 0C TO 70C



TE Part #6-66461-3
SKT,.062 DIA,.025 SQ POST,LP



TE Part #1-66471-7
PIN,.062 DIA,.045 SQ POST,LP



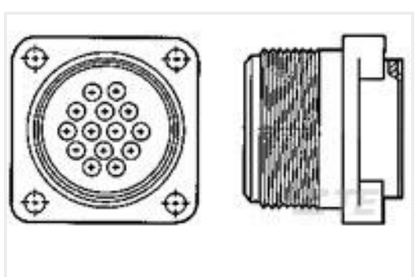
TE Part #1-66473-7
SKT,.062 DIA,.045 SQ POST,LP



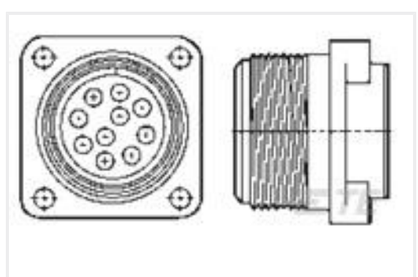
TE Part #1-66473-8
SKT,.062 DIA,.045 SQ POST,LP



TE Part #211908-1
RECPT, 11-4, REVERSE SEX CPC



TE Part #213570-1
CPC RECPT 20-14 SPECIAL



TE Part #213667-1
18-10 CPC SQ FLNG RCPT REV SEX



TE Part #4-643813-5
15P MTA100 CONN ASSY POL RIB



TE Part #4-2176070-5
3521 680R 1% 2W

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_213603-5_L.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_213603-5_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_213603-5_L.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 Continued

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English