



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Silver (Ag)**
Wire Contact Termination Area Plating Material: **Silver**
Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

Contact Features

Contact Length	25.98 mm[1.023 in]
Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Silver (Ag)
Wire Contact Termination Area Plating Material	Silver
Contact Retention Within Housing	With
Contact Size	Size 8



Contact Base Material	Copper
Contact Current Rating (Max)	50 A
Mating Pin Diameter	3.18 mm[.125 in]
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]
Contact Mating Area Plating Material Finish	Semi-Bright
Wire Contact Termination Area Plating Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Material Finish	Semi-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

Contact Retention Type Within Housing	Retention Clip
Wire Insulation Support	Without

Dimensions

Wire Size	2 – 3 mm²
-----------	-----------

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	1500
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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14	 TE Part # 206150-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 206429-1 CPC PLUG ASSY, 11-4, REV SEX	 TE Part # 206708-1 CPC PLUG ASSEMBLY SIZE 13-9
 TE Part # 206837-1 CPC PLUG ASSEMBLY SIZE 23-24	 TE Part # 788188-1 CPC 17-3 PLUG ASY,REV SEX	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 206037-1 CPC PLUG ASSEMBLY SIZE 17-16



 TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # 213905-1 CPC PLUG ASSY, SERIES 5, SZ 17-3	 TE Part # 211399-1 CPC PLUG ASSEMBLY SIZE 13-7	 TE Part # 213900-1 CPC SEAL ASSY KIT, SRS 6, 17-10
 TE Part # 788188-2 CPC 17-3 PLUG ASY, REV SEX	 TE Part # 2836120-2 OCEAN-2.0-APPLICATOR-S-130F-RSA	 TE Part # 318813-1 EXTRACTION TOOL ASSY	 TE Part # 197889-1 ANVIL HOLDER
 TE Part # 213906-1 CPC PLUG ASSY, SRS 6, SZ 17-10	 TE Part # 213899-1 CPC SEAL ASSY KIT, SRS 5, 17-3	 TE Part # 7-2836120-7 OCEAN_2.0_SPARE_PART_KIT-130F	

Also in the Series

AMP POWERBAND

 Connector Contacts(18)	 Insertion & Extraction Tools(1)	 Power Contacts(18)
---	--	---

Also in the Series

Circular Plastic Connectors Series 5



Circular Power Connectors(10)



Connector Contacts(18)



Power Contacts(18)

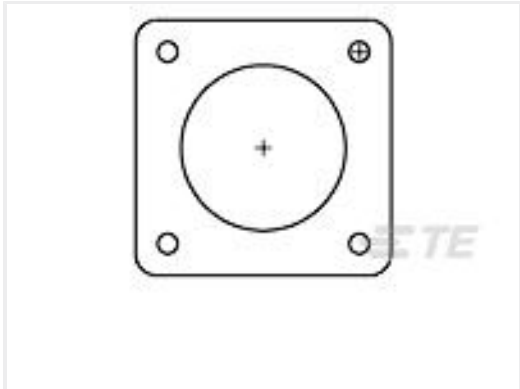
Customers Also Bought



TE Part #800323-SF
FN1394-10-05-11



TE Part #K1145355
Rotary Switch DS-221-RT1



TE Part #81665-2
FLANGE GASKET CPC



TE Part #152871
14-12 PIDG R/T 1/4 STUD WHITE



TE Part #200277-4
BLOCK,50 POSN,M SERIES



TE Part #207241-1
CABLE BOOT,SZ 17,CPC



TE Part #213889-2
CPC RECPT SEALED,SIZE 17-3



TE Part #213890-2
CPC RECPT SEALED SIZE 17-3



TE Part #213893-2
CPC RECPT SEALED SIZE 17-10



TE Part #213906-1
CPC PLUG ASSY,SRS 6,SZ 17-10

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_213847-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_213847-1_B.3d_stp.zip



English

Customer View Model

[ENG_CVM_213847-1_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_213847-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213847-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213847-1_G.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

Power Contacts

English

[METRIMATE_PIN_SOCKET_CATALOG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English