



Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, CPC MIL-C-5015



Contact Type: **Pin**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Tin**
Contact Retention Within Housing: **With**
Contact Size: **Size 16**

[All Pin and Socket Contacts, CPC MIL-C-5015 \(3\)](#)

Features

Product Type Features

Sealable	No
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Contact Features

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



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	Without
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Dimensions

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

Usage Conditions

Operating Temperature Range	-55 - 90 °C[-67 - 194 °F]
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Operation/Application

Circuit Application	Power
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



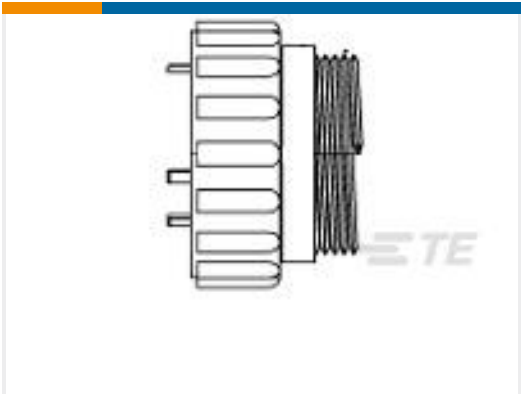
Solder Process Capability

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 # CAT-AM71-C83998Y One-Piece Connector, Sealed, CPC Series 1	 TE Part # 206516-1 CPC PLUG ASSEMBLY SIZE 11-4	 TE Part # CAT-AM71-C83998K Circular Connector, Environmentally Sealed, CPC Series 6	 TE Part # 91521-1 CCII TYPE III+ PIN SKT 18-14 ASSY
 TE Part # 2151405-1 OCEAN_2.0_Applicator-S-090F155O-RSM	 TE Part # 2151405-2 OCEAN_2.0_Applicator-S-090F155O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 7-2151405-7 OCEAN_2.0_SPARE_PART_KIT-090F155O
 TE Part # 7-2151405-2 OCEAN_2.0_Applicator-S-090F155O			

Also in the Series | AMP CPC



Circular Power Connectors(458)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)

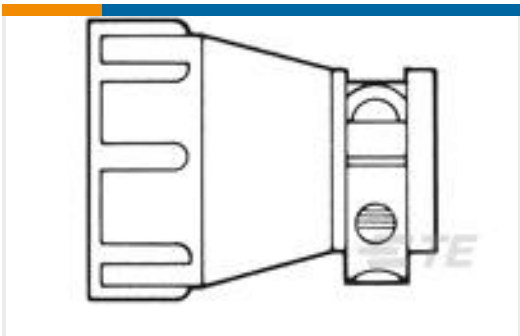


Insertion & Extraction Tools(1)



Sealing Sleeves(2)

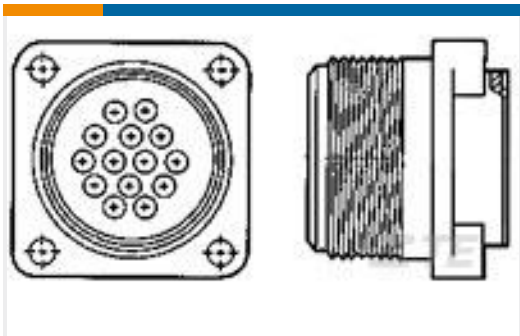
Customers Also Bought



TE Part # 1-206070-0
CABLE CLAMP KIT, BULK PKG



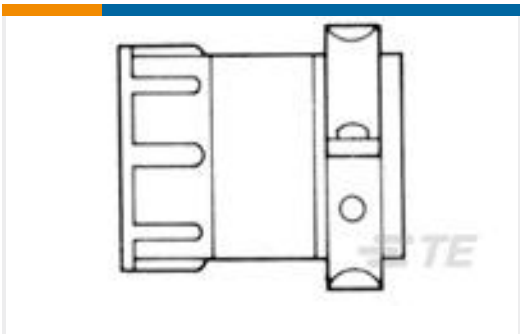
TE Part # 1-66358-6
Strip Pin and Socket Contacts, Type III



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



TE Part # 3-520116-2
ULTRA-FAST 250 ASY REC 16-14 AWG TPBR



TE Part # 206322-6
CABLE CLAMP KIT,BULK PKG



TE Part # 8-1879350-4
RR01 5% 620R AMMO



TE Part # 1-1355122-2
SHIELD, 60POSN. RECEPTACLE HOU



TE Part # 5-66461-9
SKT,.062 DIA,.025 SQ POST,LP



Documents

Product Drawings

5015 PIN,18-14,TIN-LEAD,STRIP

English

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