

213650-1 ✓ ACTIVE

AMP | AMP CPC

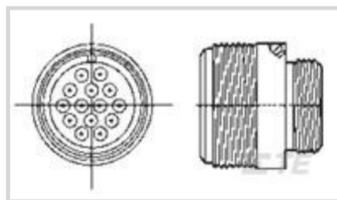
TE Internal #: 213650-1

Circular Power Connectors, Housing, 250 VDC, 14 – 24 AWG Wire Size, .2 – 2 mm² Wire Size, Wire-to-Wire, 14 Position, AMP CPC

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Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

Wire Size: **.2 – 2 mm²**

Connector System: **Wire-to-Wire**

[All CPC MIL-C-5015 Connector \(8\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	Without
Number of Positions	14
Number of Power Positions	0
Number of Signal Positions	14

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	13 A
Contact Protection	With



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Screw & Hole Thread Size	1 1/4-18 UNEF-2A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

Housing Features

Body Orientation	Straight
Centerline (Pitch)	4.8 mm[.189 in]
Housing Color	Black
Housing Material	Polyamide
Circular Connector Shell Size	20

Dimensions

Wire Size	.2 – 2 mm ²
Assembly Length	30.73 mm[1.21 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
VDE Tested	No

Packaging Features

Packaging Method	Package
Packaging Quantity	1

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



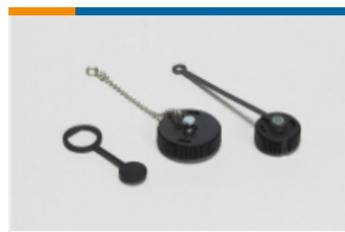
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Circular Connector Adapters(7)



Circular Connector Boots & Strain Relief(6)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



Circular Connector Seals(36)



Circular Power Connectors(467)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)



Unscreened Circular Connector Backshells & Clamps(56)

Documents

Product Drawings

[CPC 20-14 FREE HANGING RCPT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213650-1_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213650-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213650-1_K.3d_stp.zip](#)

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English



Customer View Model

[ENG_CVM_213650-1_C.2d_dxf.zip](#)

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Customer View Model

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Customer View Model

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English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications Continued](#)

English

Agency Approvals

[CSA Certificate](#)

English