

208483-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 208483-1

Circular Power Connectors, Housing, 600 VDC, 10 – 16 AWG Wire Size, Wire-to-Panel, 7 Position, Wire & Cable, Receptacle, Pin, Power & Signal, AMP CPC

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[Connectors](#) > [Power Connectors](#) > [Circular Power](#) > [Circular Power Connectors](#) > [Circular Connector, CMC Series 3](#)



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Wire Size: **10 – 16 AWG**

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

Number of Positions: **7**

[All Circular Connector, CMC Series 3 \(10\)](#)

Features

Product Type Features

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

Configuration Features

Reverse Numbering	Without
Number of Positions	7
Number of Power Positions	7
Number of Signal Positions	0

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	25 A



Contact Protection	With
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Alignment Type	Keyed
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Mating Alignment	With
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Panel Mount Feature Type	Flange with Mounting Holes
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Mating Retention Type	Threaded Coupling
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Thread Size	1-3/8 - 18 UNEF-2A
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Connector Mounting Type	Panel Mount
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Mating Retention	With
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Panel Mount Feature	With
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Housing Features

Body Orientation	Straight
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Housing Color	Black
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Housing Material	Thermoplastic
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Circular Connector Shell Size	28
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Dimensions

Compatible Insulation Diameter Range	5.59 mm [.22 in]
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Wire Size	10 – 16 AWG
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Usage Conditions

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

Circuit Application	Power & Signal
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Shielded	No
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	10
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Packaging Method	Carton
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

 <p>TE Part # 211904-1 CMC DUST CAP ASSM SIZE 28</p>	 <p>TE Part # 208482-1 CMC PLUG ASSEMBLY,SZ 28</p>
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Also in the Series | [AMP CPC](#)



Circular Connector Adapters(7)



Circular Connector Caps & Covers(16)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



Circular Power Connectors(459)



Connector Backshells(56)



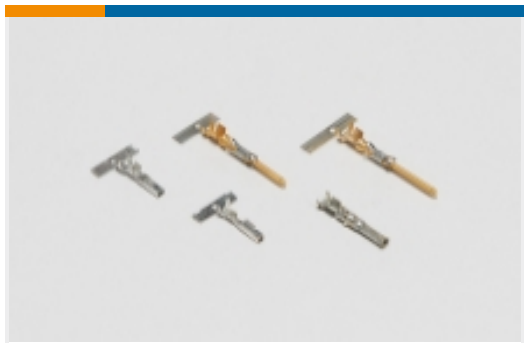
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(6)



Insertion & Extraction Tools(1)

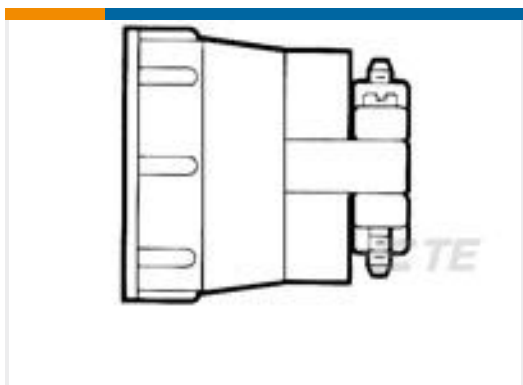


Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #207774-3
CLAMP CABLE SHELL,SIZE 23



TE Part #206136-1
CPC SERIES 3



TE Part #208484-1
Circular Connector, CMC Series 3



TE Part #66741-9
TYPE XII FEMALE CONT (STRIP)



TE Part #66253-8
MALE CONTACT ASSY. (STRIP)



TE Part #6-534237-4
16 MODII VRT SR CE 100/115



TE Part #9-146274-0
40 MODII HDR SRST B/A .100CL



TE Part #211769-2
17-9 CPC RECEPT REV SEX

Documents



Product Drawings

CMC RECEPTACLE ASSY,SIZE 28

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_208483-1_L.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_208483-1_L.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_208483-1_L.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_208483-1_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_208483-1_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_208483-1_W.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

1-1773902-9_CPC_Catalog

English

1-1773902-9_CPC_Catalog

1-1773902-9_CPC_Catalog

German

1-1773902-9_CPC_Catalog

Japanese

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

Product Specifications

Product Specification

English

Instruction Sheets



[Instruction Sheet \(U.S.\)](#)

English

[Agency Approvals](#)

[CSA Certificate](#)

English

[CSA Certificate](#)

English