

206852-8 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 206852-8

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Panel, 9 Position, Printed Circuit Board, Receptacle, Pin, Signal, Black, AMP CPC

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Connectors > Power Connectors > Circular Power > Circular Power Connectors > Connectors, CPC Series 2, with Posted Contacts



Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **9**

Sealable: **No**

[All Connectors, CPC Series 2, with Posted Contacts \(8\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	7.5 A
Contact Protection	With

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Threaded Inserts
Mating Retention Type	Threaded Coupling
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Circular Connector Shell Size	11

Dimensions

Compatible Insulation Diameter Range	1.73 mm[.068 in]
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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
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Packaging Features

Packaging Quantity	40
Packaging Method	Bag

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://te.com)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JAN 2024 (240)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC > Threshold: Pb (3.7% in Component Part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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

 TE Part # CAT-AM71-C83998B CPC Cable Clamps	 TE Part # 206485-1 CPC PLUG ASSEMBLY SIZE 11-9	 TE Part # 207489-1 FLEXIBLE CABLE BOOT, SIZE 11	 TE Part # 207490-1 CABLE GRIPPER, SIZE 11
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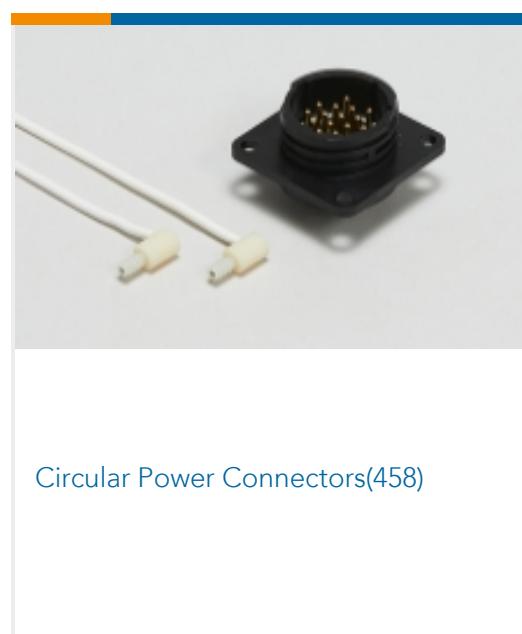


TE Part # 213811-1
COUPLING RING,SZ 11,CPC

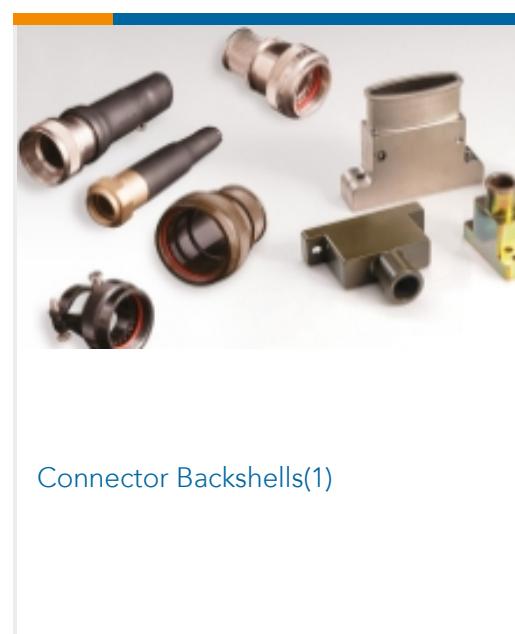
TE Part # 207299-1
PLUG MTG. FLANGE NO 11 CPC

Also in the Series

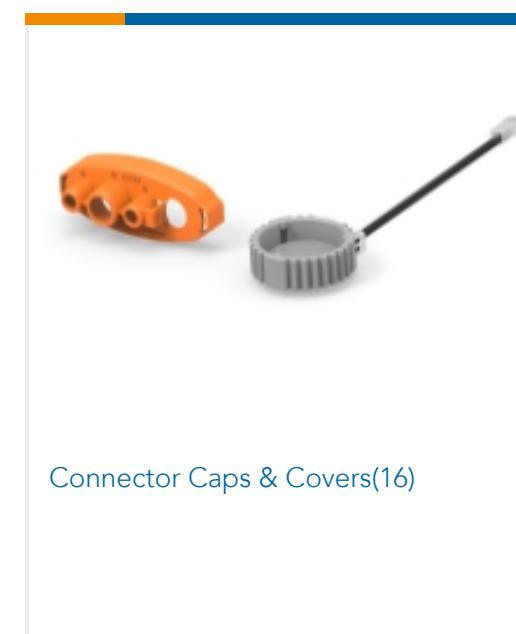
AMP CPC



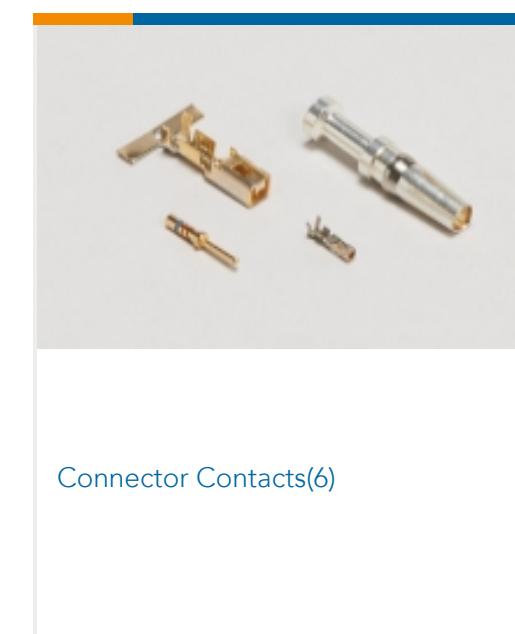
Circular Power Connectors(458)



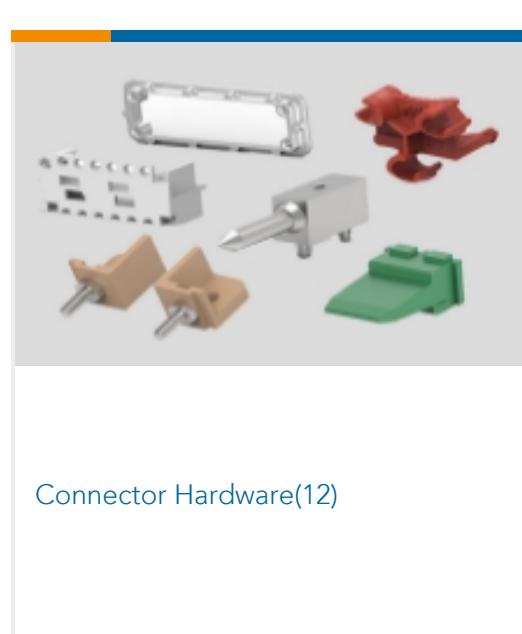
Connector Backshells(1)



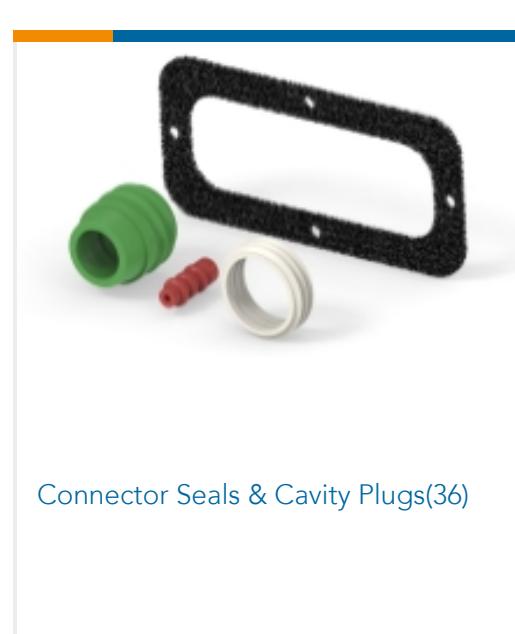
Connector Caps & Covers(16)



Connector Contacts(6)



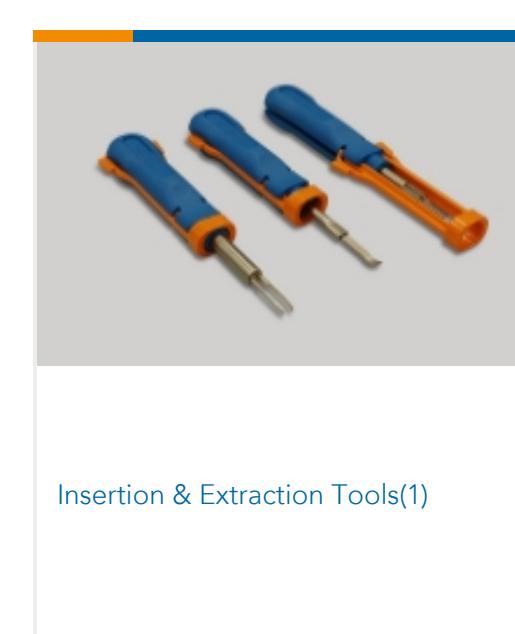
Connector Hardware(12)



Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



TE Part # 206485-1
CPC PLUG ASSEMBLY SIZE 11-9



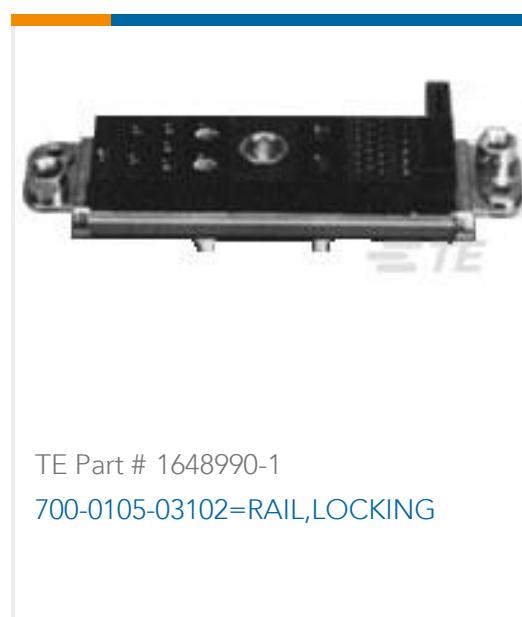
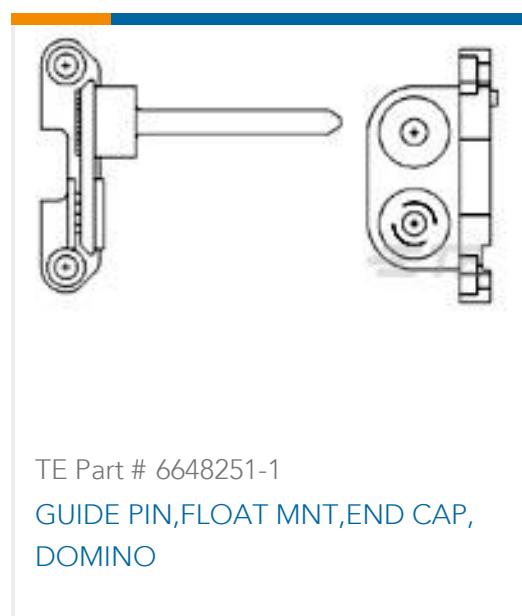
TE Part # 9-1415071-1
PT78730



TE Part # 6-1419111-1
PT370024



TE Part # 1-1318301-3
3.96EP HDR ASSY 3(5)P NAT/TUBE

TE Part # 1648990-1
700-0105-03102=RAIL,LOCKINGTE Part # 4-1879355-8
RR03 5% 390K AMMOTE Part # 5050865-7
SOCKET,MIN-SPR SN SER-4TE Part # 2041517-1
MINI USB, RCPT,V/T,DIP, B TYPE,30u" AuTE Part # 6648251-1
GUIDE PIN,FLOAT MNT,END CAP,
DOMINO

Documents

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_206852-8_AL.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_206852-8_AL.3d_jgs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_206852-8_AL.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Connector, Circular Plastic](#)

English

[Product Specification](#)

English