

182645-1 ✓ ACTIVE

AMP | AMP CPC

TE Internal #: 182645-1

Circular Power Connectors, Housing, 600 VDC, Wire-to-Wire, 9 Position, Wire & Cable, Plug, Socket, Power & Signal, Black, All Plastic, AMP CPC

[View on TE.com >](#)



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC EMEA



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Number of Positions: **9**

Sealable: **No**

[All CPC EMEA \(21\)](#)

Features

Product Type Features

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

Configuration Features

Reverse Numbering	Without
Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	9

Electrical Characteristics



Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
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Contact Type	Socket
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Contact Protection	With
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Mechanical Attachment

Mating Alignment Type	Keyed
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Mating Alignment	With
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Mating Retention Type	Threaded Coupling
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Thread Size	3/4 - 20 UNEF-2A
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Mating Retention	With
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Panel Mount Feature	Without
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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	13
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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

CSA Rating	Certified
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UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	100
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Packaging Method	Bag
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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	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



Also in the Series | [AMP CPC](#)



Circular Connector Adapters(7)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



Circular Power Connectors(458)



Connector Backshells(56)



Connector Caps & Covers(16)



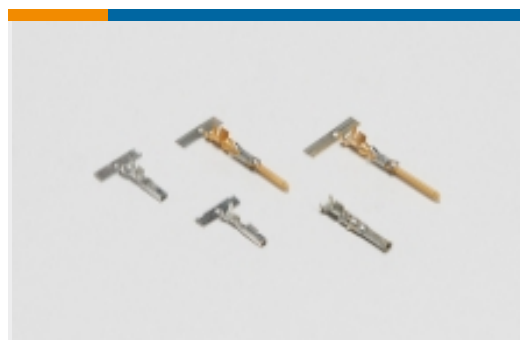
Connector Seals & Cavity Plugs(36)



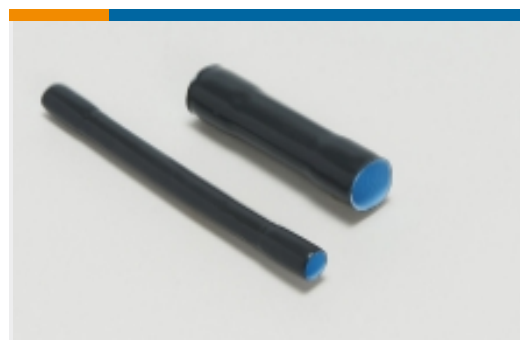
Connector Strain Relief(6)



Insertion & Extraction Tools(1)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #206705-1
CPC RECP. ASY SIZE 13-9



TE Part #6-1393809-5
Signal Relays: 5 Amp, Monostable DC



TE Part #183079-1
FREE HANG.13-9STD. SEX SRS 1



TE Part #5-1415060-1
SR6ZC615



TE Part #3665183001
100G0111-1.50-0CK0226



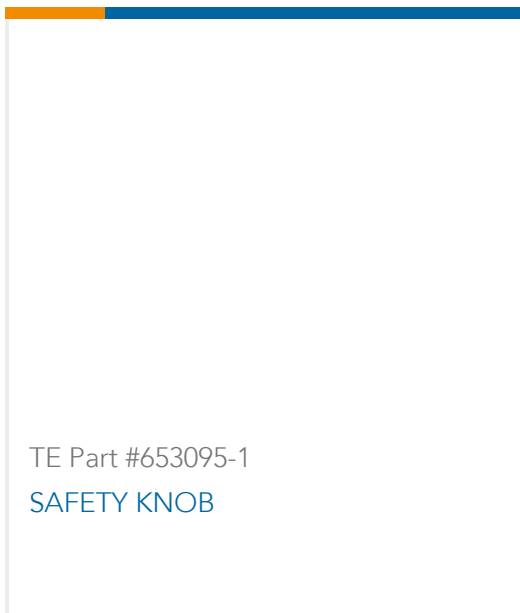
TE Part #459864-1
LUBICATOR BOWL ASSY



TE Part #1-1555130-1
HVTE-AED-302



TE Part #1-2004603-1
HVTE-AEF-214



Documents

Product Drawings

13-9 CPC PLUG

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_182645-1_A3.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_182645-1_A3.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_182645-1_A3.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_182645-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_182645-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_182645-1_A.3d_stp.zip](#)

English

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English



[Agency Approvals](#)

[UL Report](#)

English