

1-213825-7 ✓ ACTIVE



AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 1

TE Internal #: 1-213825-7

14 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, Sealable, AMP Circular Plastic Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 14

Connector Product Type: Connector Assembly

Operating Voltage: 250 VDC

Connector System: Wire-to-Board, Wire-to-Panel

Sealable: Yes

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

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



Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
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Mating Alignment Type	Keyed
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Mating Retention Type	Threaded Coupling
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Mating Alignment	With
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Polarization Code	A
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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

Housing Color	Black
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Housing Material	PA 6.6
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Circular Connector Shell Size	17
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Dimensions

Assembly Length	32.26 mm[1.27 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Fluid Resistance	Immersion
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Operation/Application

Circuit Application	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	24
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Packaging Method	Tray
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)


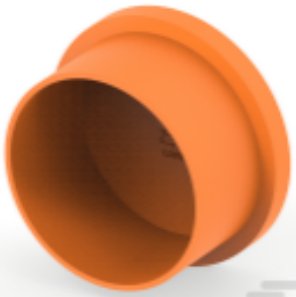








EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

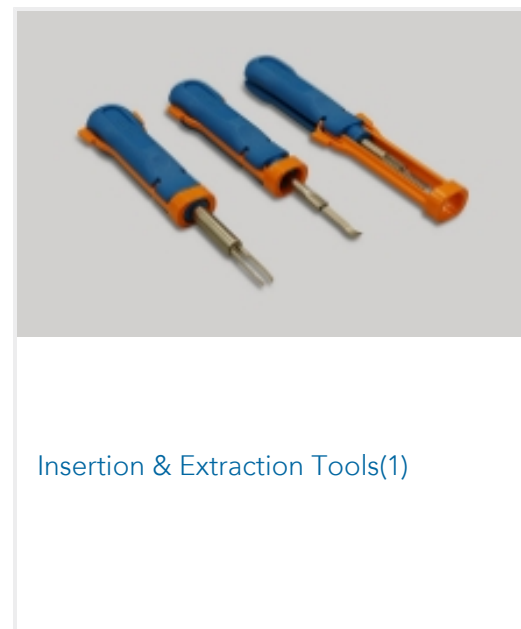
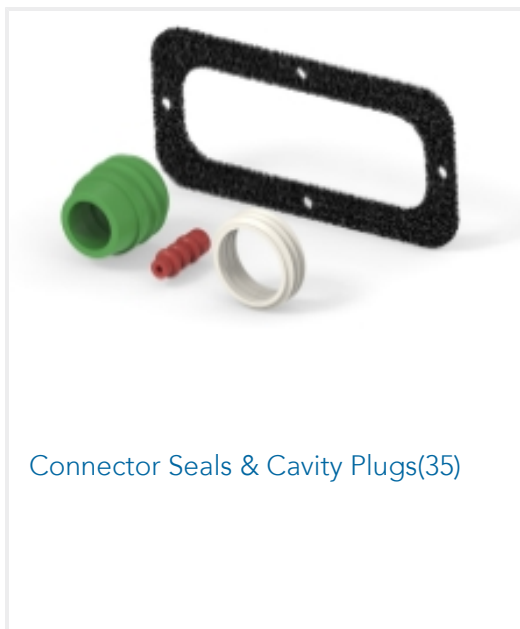
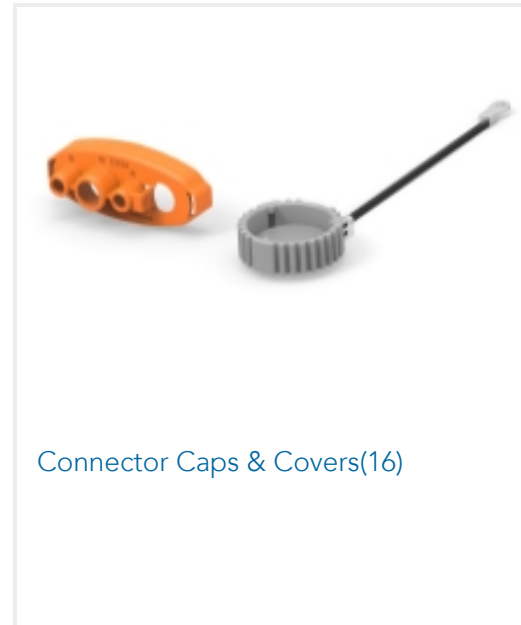
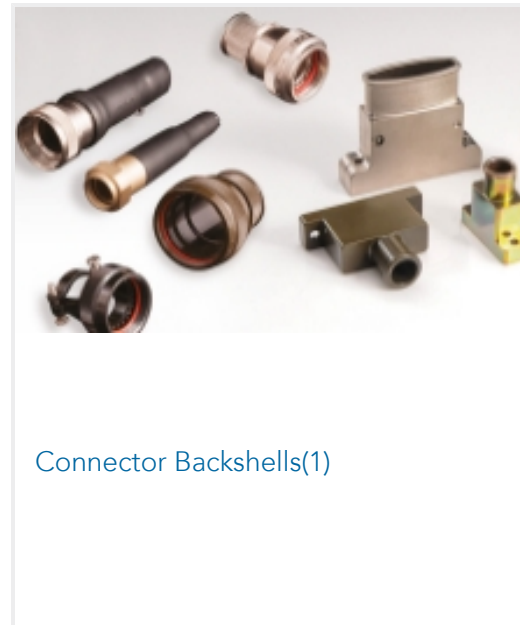
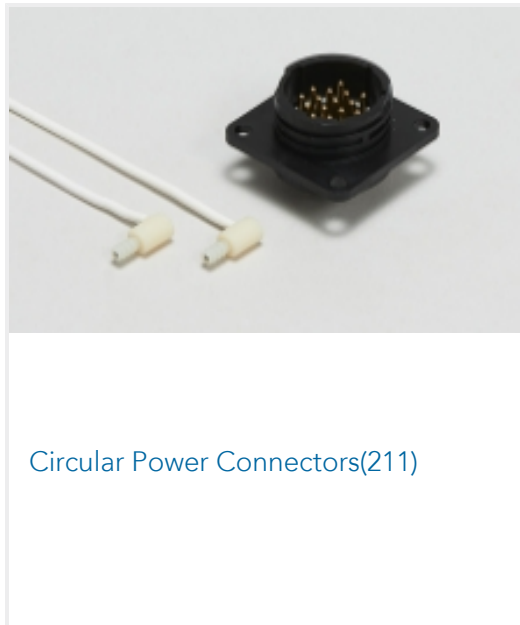
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

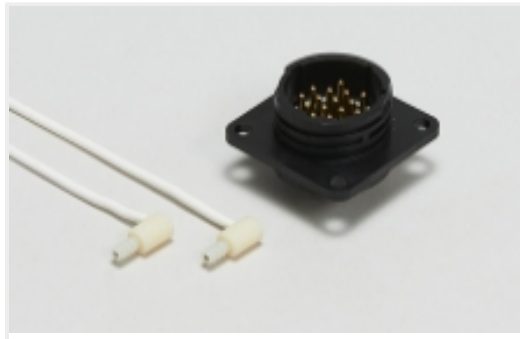
 <p>TE Part # 1-206322-0 CABLE CLAMP KIT, BULK PKG</p>	 <p>TE Part # 4-2407269-1 CAP, CPC, SIZE 17 RECP, ORANGE</p>	 <p>TE Part # 1546349-2 R/A CABLE CLAMP KIT, SZ 17, CPC</p>	 <p>TE Part # 206322-9 CABLE CLAMP SIZE 17</p>
 <p>TE Part # 4-2407269-3 CAP, CPC, SIZE 17 RECP, RED</p>	 <p>TE Part # 4-2407269-2 CAP, CPC, SIZE 17 RECP, BLACK</p>	 <p>TE Part # 206044-1 CPC PLUG ASSEMBLY SIZE 17-14</p>	 <p>TE Part # 207299-3 FLANGE PLUG MOUNT CPC</p>



Also in the Series | **AMP Circular Plastic Connectors**



Also in the Series | **Circular Plastic Connectors Series 1**



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #T4171030012-001
M12,REAR MOUNT,MALE, A, 12P, 0.2 M WIRE



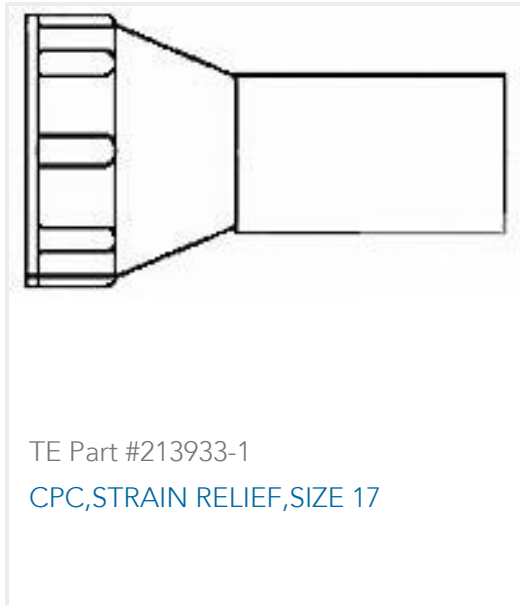
TE Part #52041-7
TERMINAL R PG 8 1/4



TE Part #5-520315-7
TRIOMATE ASSY V 7P L=3.556



TE Part #1060-16-0677
PIN, SF, SIZE 16, 16-20, SN/SN



TE Part #213933-1
CPC,STRAIN RELIEF,SIZE 17



TE Part #321880
TERMINAL,SOLIS R 4/0 1/2



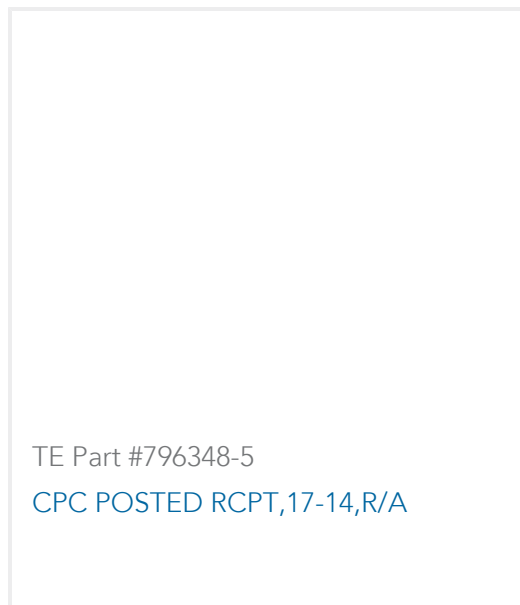
TE Part #3-1879216-0
CPF0402 120K 0.1% 25PPM 1K RL



TE Part #1-640445-2
12P MTA156 HDR ASSY FL/STR SN



TE Part #8-2176421-6
TLRP 2512 2.0W R047 1% 75PPM 4K RL



TE Part #796348-5
CPC POSTED RCPT,17-14,R/A

Documents

[CAD Files](#)

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-213825-7_Z.2d_dxf.zip](#)

[English](#)

[Customer View Model](#)

[ENG_CVM_CVM_1-213825-7_Z.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1-213825-7_Z.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

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Product Specifications

[Application Specification](#)

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Instruction Sheets

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

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Agency Approvals

[CSA Certificate](#)

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