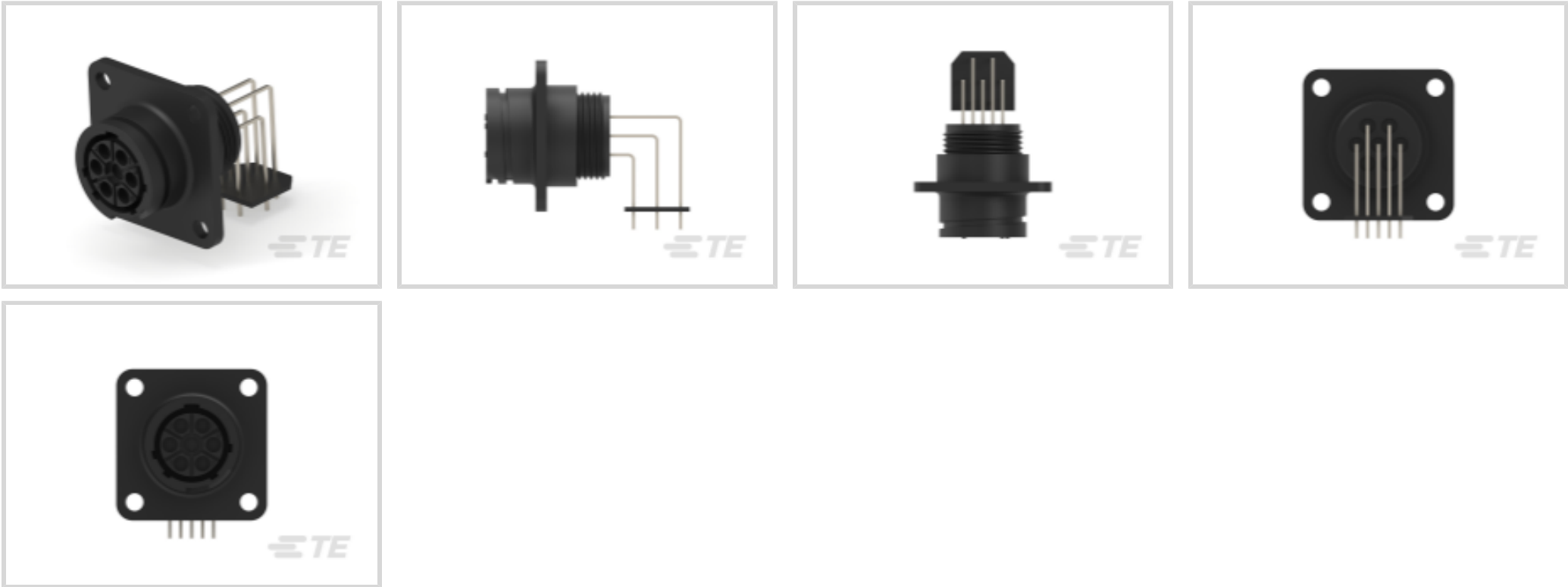




Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 7

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Sealable: **No**

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
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Packaging Features

Packaging Quantity	16
Packaging Method	Tray

Mechanical Attachment

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

Configuration Features



Number of Positions	7
Number of Power Positions	0
Number of Signal Positions	7

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	13

Dimensions

Assembly Length	44.45 mm[1.75 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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



Product Compliance

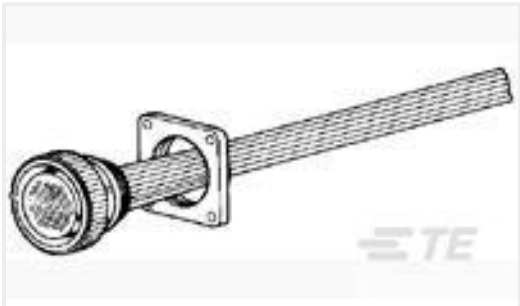
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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



TE Part # 207299-2
FLANGE PLUG MOUNT CPC



TE Part # 207008-6
CABLE CLAMP KIT, BULK PKG



TE Part # 211400-1
CPC PLUG ASSEMBLY SIZE 13-7



TE Part # 1546348-2
R/A CABLE CLAMP KIT, SZ 13, CPC



TE Part # 206966-9
CABLE CLAMP KIT, BULK PKG

TE Part # 206966-7
CABLE SHELL CLAMP SIZE 13

Also in the Series | AMP CPC

Connector Backshells(1)

Connector Caps & Covers(16)

Connector Contacts(6)

Connector Seals & Cavity Plugs(35)

Connector Strain Relief(60)

Insertion & Extraction Tools(1)

Power Contacts(6)

Customers Also Bought

TE Part #3-644456-2
02P MTA100 HDR ASSY (NARROW)

TE Part #6-1419102-3
T9AP1D52-24

TE Part #9-1462037-9
IM06CGR=IM RELAY 140mW12V HDV

TE Part #814589-000
202D142-3/42-0

TE Part #207359-1
RECEPT HSG,3 POSN,METRIC

TE Part #292303-7
Std USB Type A, R/A, SMT, Offset, Natural

TE Part #1532215-1
M83513/01-GN, MCKS-N1-B-51PS

TE Part #3-2176337-7
CRGCQ 0402 10K 1%



TE Part #1-480387-0
03P CMNL CAP HSG F/H BLK



TE Part #881545-2
SHUNT LP W/HANDLE 2 POS 30AU

Documents

Product Drawings

CPC PSTD RCPT,13-7,R/A LF

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-796500-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-796500-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1-796500-1_C.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-796500-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-796500-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-796500-1_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Application Specification

English



Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English