



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37
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	12
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	37
Number of Power Positions	0
Number of Signal Positions	37

Product Type Features



Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
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	Thermoplastic
Circular Connector Shell Size	23

Dimensions

Assembly Length	30.71 mm[1.209 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

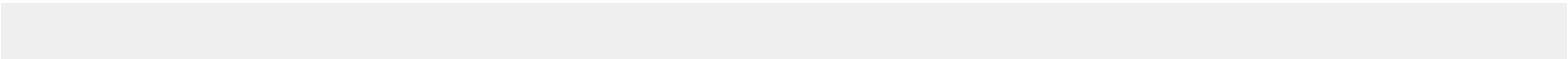
UL Flammability Rating	UL 94V-0
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Other

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 # 207890-5
CPC RECPT REV SEX 23-37

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

TE Part # 206138-8
CLAMP CBL SHELL SIZE 23

TE Part # 1-206138-0
CABLE CLAMP ASSY,BULK PACKED

TE Part # 1546350-2
R/A CABLE CLAMP KIT,SZ 23,CPC

TE Part # 206512-5
CLAMP,CABLE SHELL,SIZE 23

TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37

TE Part # 207055-1
EXTENDER BACK SHELL



TE Part # 6-2407269-2
CAP, CPC, SIZE 23 RECP, BLACK



TE Part # 6-2407269-1
CAP, CPC, SIZE 23 RECP, ORANGE



TE Part # 207774-4
CABLE CLAMP ASY,SZ 23,BULK PKG



TE Part # 207299-4
FLANGE PLUG



TE Part # 796382-2
R/A STRN RELIEF KIT,SZ 23,CPC



TE Part # 6-2407269-3
CAP, CPC, SIZE 23 RECP, RED



TE Part # 6-2407269-4
CAP, CPC, SIZE 23 RECP, YELLOW



TE Part # 206512-6
LARGE CABLE CLAMP KIT,BULK PKG

Also in the Series | AMP CPC



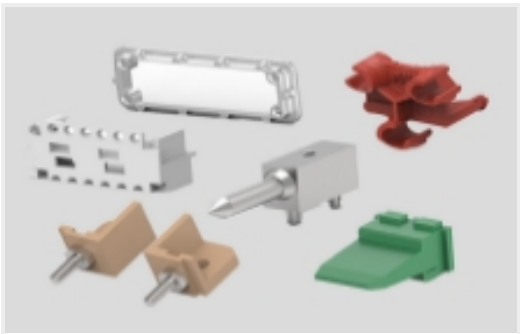
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



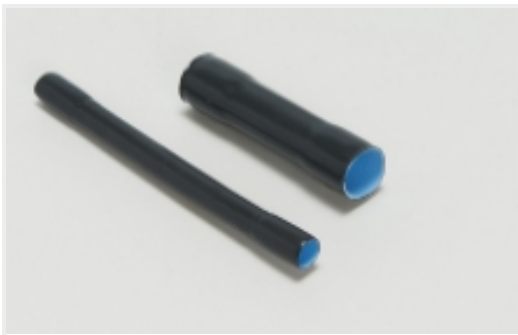
Connector Contacts(6)



Connector Hardware(12)

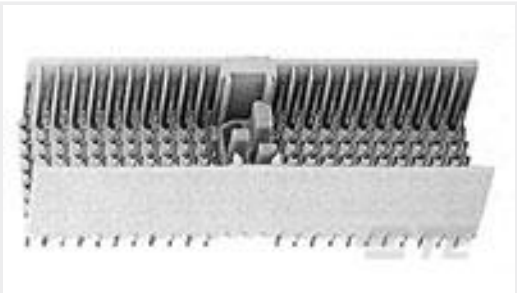


Power Contacts(6)



Sealing Sleeves(2)

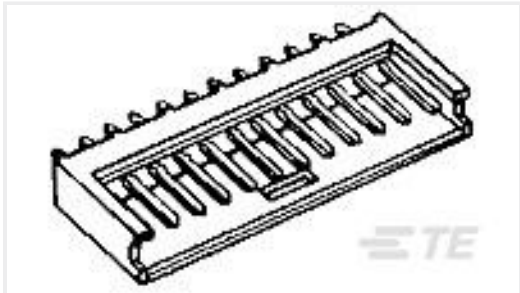
Customers Also Bought



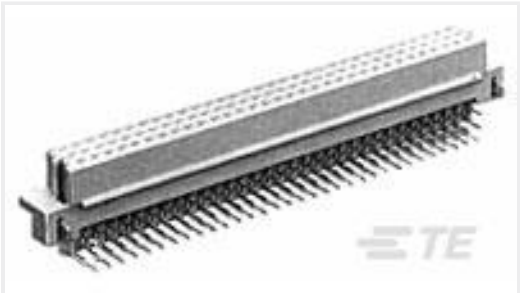
TE Part #5188834-1
Z-PACK/A M-HDR 154P.



TE Part #1623131-1
CRG0805 1% 1K0



TE Part #280520-2
12P AMPMODU II SHRD HDR, ST, 0.38 AU



TE Part #5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE AU



TE Part #50845-2
TERM, STRAT, PIDG, PTFE, R, 12-10, 10



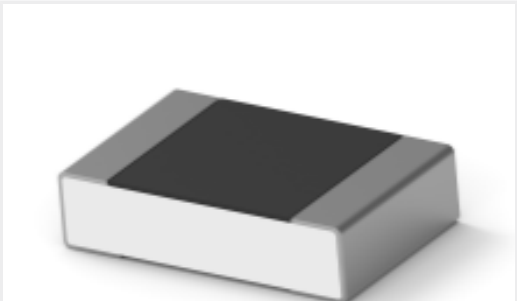
TE Part #926308-1
8P UNIV.M-N-L.CAP



TE Part #1-111196-1
050 RCPT SYSTEM 50 30 DPLX



TE Part #1623211-1
CRG0805 1% 39R



TE Part #9-2176381-0
RQ 0805 105K 0.1% 10PPM 5K RL



TE Part #1623488-1
CRG1206 1% 330R

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_207890-2_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_207890-2_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_207890-2_S.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

Agency Approvals

UL Report

English