



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

TE Internal #: 1-206934-1

37 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, Receptacle, Pin, AMP Circular Plastic Connectors

[View on TE.com >](#)

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

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

Configuration Features

Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Contact Features

Reverse Gender	No
Contact Type	Pin



Termination Features

Termination Method to PCB	Through Hole - Solder
---------------------------	-----------------------

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

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	23

Dimensions

Assembly Length	40 mm[1.575 in]
-----------------	-----------------

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

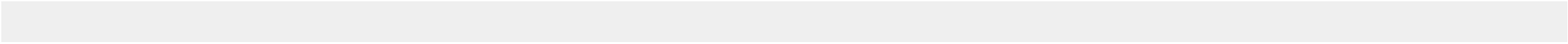
UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	12
Packaging Method	Tray

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	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>

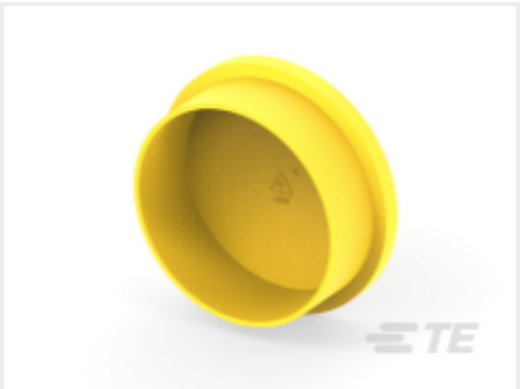
Compatible Parts



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



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



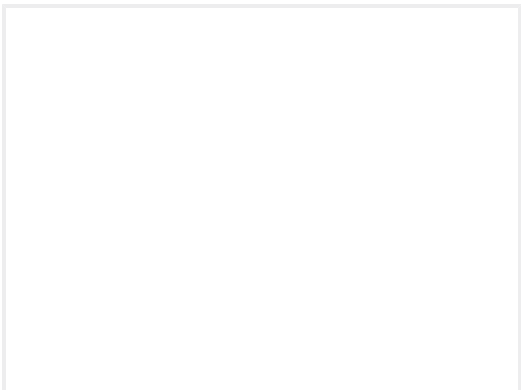
TE Part # 6-2407269-4
CAP, CPC, SIZE 23 RECP, YELLOW



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



TE Part # 207299-4
FLANGE PLUG



TE Part # 2-206934-7
CPC RECPT ASSEMBLY SIZE 23-37



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



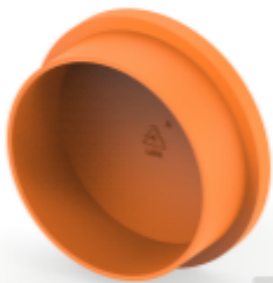
TE Part # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37



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



TE Part # 207055-1
EXTENDER BACK SHELL



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



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



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



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



TE Part # 206138-8
CLAMP CBL SHELL SIZE 23



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

Also in the Series | AMP Circular Plastic Connectors



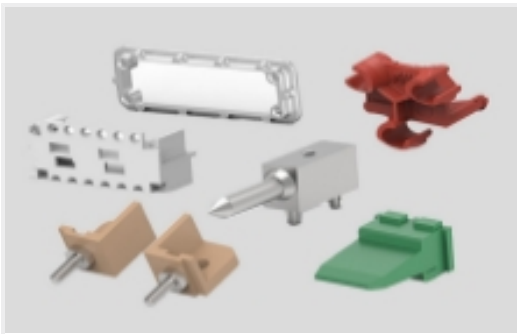
Circular Power Connectors(211)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Hardware(10)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

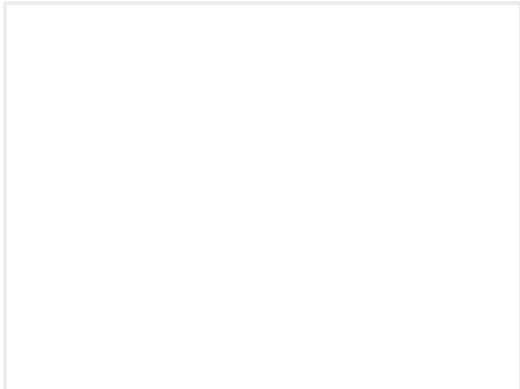
Customers Also Bought



TE Part #225681-E
POWELM BUCHSE VOLLM M3 3,5
2,54 * EP 6 C



TE Part #1-1410999-3
MULTIGIG RT GUIDEPIN, 9MM 4.20



TE Part #2061981-3
FULLAXS MINI BULKHEAD ASSEMBLY,
EXTENDED



TE Part #1-1410999-2
MULTIGIG RT GUIDEPIN, 9MM 2.60



TE Part #2309390-2
VERT RECPT, MULTI-BEAM XLE, VITA
62



TE Part #213798-3
CPC RECPT ASSEMBLY SIZE 23-24



TE Part #1996706-1
8 POS VITA 67.2 RF MODULE,
BACKPLANE,SMPM



TE Part #1735482-4
0.8FH,R17H.5,100,08/Sn,TR,SC



TE Part #225701-E
POWELM GEWINK VOLLM M5 5 2,54
* EP 14 CU



TE Part #3-1614884-5
CPF 0805 56R 0.1% 25PPM 1K RL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-206934-1_AW.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-206934-1_AW.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_1-206934-1_AW.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

CSA Certificate

English

CSA Certificate

English