



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **37**
Sealable: **No**

Features

Product Type Features

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

Configuration Features

Reverse Numbering	Without
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features



Reverse Gender	Yes
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Mounting Holes
Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon - GF
Circular Connector Shell Size	23

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1
Packaging Method	Package

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	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 # 207774-3 CLAMP CABLE SHELL,SIZE 23	 TE Part # 207774-4 CABLE CLAMP ASY,SZ 23,BULK PKG	 TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37	 TE Part # 1546350-2 R/A CABLE CLAMP KIT,SZ 23,CPC
 TE Part # 206512-6 LARGE CABLE CLAMP KIT,BULK PKG	 TE Part # 206138-8 CLAMP CBL SHELL SIZE 23	 TE Part # 206512-5 CLAMP,CABLE SHELL,SIZE 23	 TE Part # 206305-4 CPC PLUG ASSEMBLY SIZE 23-37





TE Part # 207299-4
FLANGE PLUG



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



TE Part # 207055-1
EXTENDER BACK SHELL



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

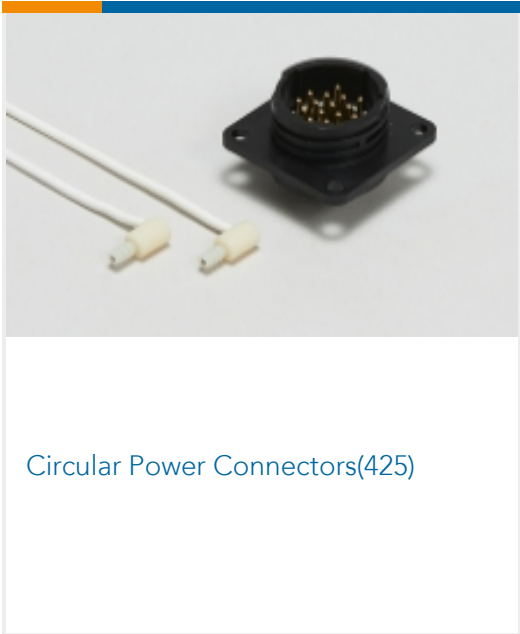


TE Part # 6-2407269-1
CAP, CPC, SIZE 23 RECP, ORANGE

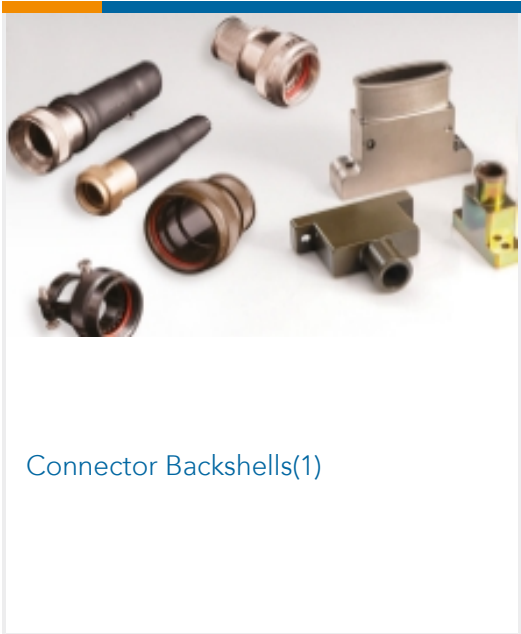


TE Part # 6-2407269-4
CAP, CPC, SIZE 23 RECP, YELLOW

Also in the Series | AMP CPC



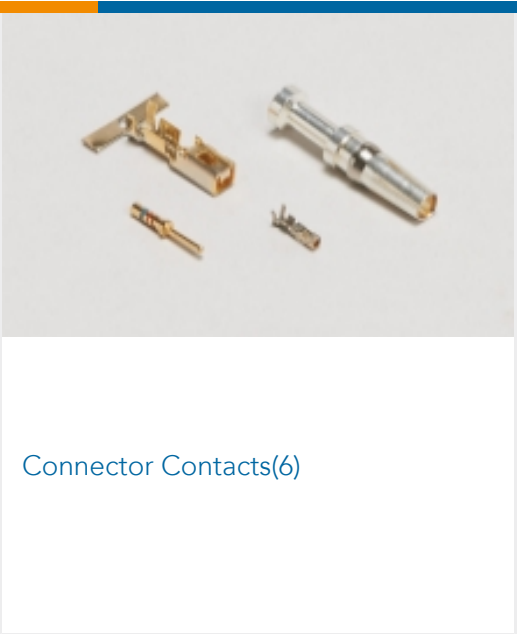
Circular Power Connectors(425)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



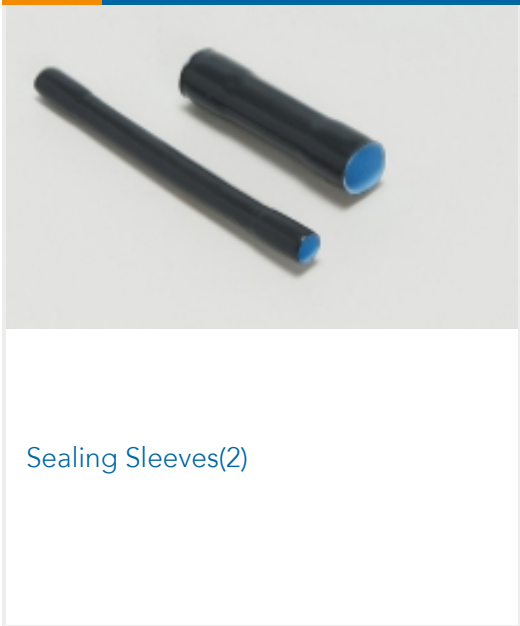
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



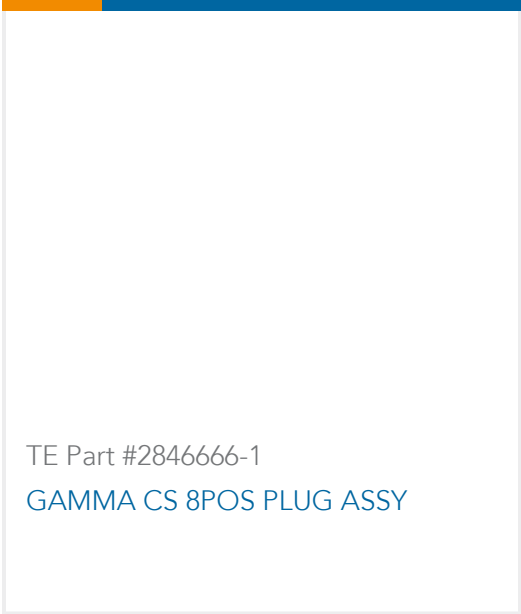
Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



 TE Part #T4143012051-000 M12,FRONT MOUNTING,FEMALE,A CODE,5P	 TE Part #206306-2 23-37 F H RECEPT REV SEX	 TE Part #211773-1 23-19 CPC RECEPT REV SEX	 TE Part #206043-1 RECEPT,SZ 17-14 CPC
 TE Part #206044-1 CPC PLUG ASSEMBLY SIZE 17-14	 TE Part #206070-8 CABLE CLAMP KIT #17	 TE Part #1-66099-5 III+ PIN,18-16,TIN ,LP	 TE Part #1-66101-9 III+ SKT,18-16,TIN ,LP
 TE Part #3-2188220-1 020/060 56P HDR ASSY(CODE B)	 TE Part #2846666-1 GAMMA CS 8POS PLUG ASSY		

Documents

Product Drawings
23-37 RECEPT REV SEX

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_206306-1_AL.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_206306-1_AL.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_206306-1_AL.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

Agency Approvals

UL Report

English