



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37

Connector Product Type: Housing

Operating Voltage: 600 VDC

Connector System: Wire-to-Wire

Sealable: Yes

Features

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Mechanical Attachment

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

Housing Features

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

Product Type Features

Connector Seal & Plug Type	Peripheral, Wire Entry Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
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	No
Contact Type	Pin
Contact Protection	With

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V-0
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

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

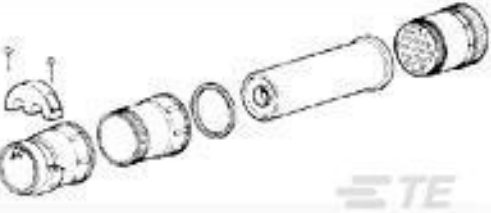
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 81665-5 ECONOSEAL, FLANGE GASKET	 TE Part # 796288-1 PLUG.ASSY,23-37STD SEX THRD AD	 TE Part # 6-2407269-2 CAP, CPC, SIZE 23 RECP, BLACK	 TE Part # 6-2407269-1 CAP, CPC, SIZE 23 RECP, ORANGE
 TE Part # 208337-1 SEAL PROTECTOR PIN	 TE Part # 207052-1 SZ23 UNASSM KIT,CPC	 TE Part # 207446-3 SEALING CAP ASSY,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 # 207052-2 SZ23 UNASSM KIT,CPC	 TE Part # 207052-3 SZ23 UNASSM KIT,CPC	 TE Part # 208680-1 SEALING CAP ASSY,SZ 23,CPC
 TE Part # 54012-1 CPC STRAIN RELIEF,SIZE 23			

Also in the Series | AMP CPC

 Connector Backshells(1)	 Connector Caps & Covers(16)	 Connector Contacts(6)	 Connector Seals & Cavity Plugs(35)
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Connector Strain Relief(60)

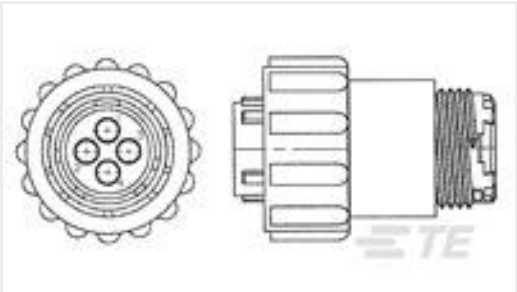


Insertion & Extraction Tools(1)

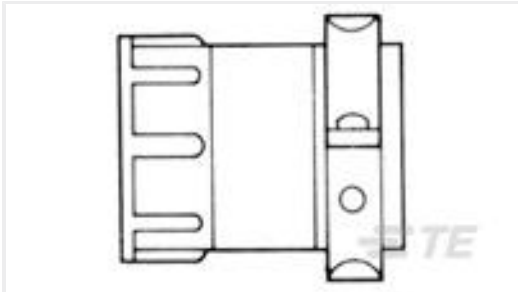


Power Contacts(6)

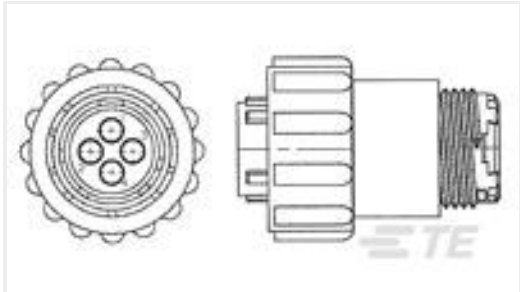
Customers Also Bought



TE Part #796188-1
SLD CPC PLUG ASSY,23-24,STD SX



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



TE Part #788157-1
SLD CPC 13-9 PLUG,STD,SM INS



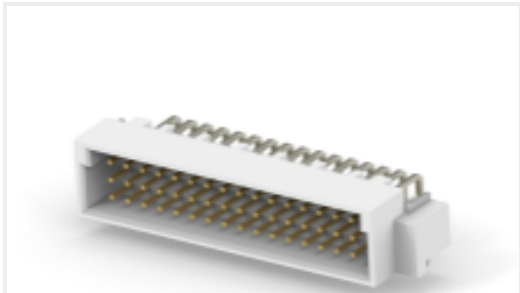
TE Part #322455
TERMINAL,SOLIS R 12-10 10



TE Part #787610-1
CPC RCPT,SIZE 23-37 W/INSERTS



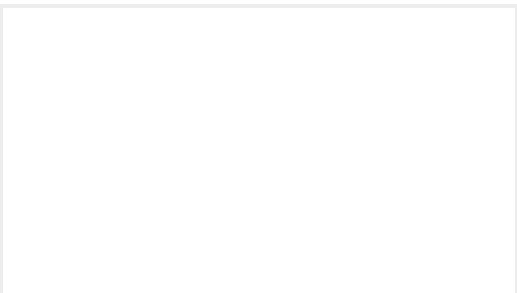
TE Part #211839-1
CPC RCPT SZ 23-24 W/THRD INSRT



TE Part #4-2271290-0
CELLO,PIN,48P,TH,RA,FG,DIP3.0,CLIP



TE Part #1060-20-0277
PIN, SF, SIZE 20, 16-22, SN/SN



TE Part #1-582561-1
AMP-TAB ASSY 43 POS 100 C/L DU



TE Part #1-582587-1
AMP-TAB ASSY 18 POS 100 C/L QU

Documents

Product Drawings

RCPT.ASSY,23-37STD SEX SQ.FLNG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_796286-1_F.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_796286-1_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796286-1_F.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

[Product Specification](#)

English

Agency Approvals

[UL Report](#)

English