



Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Connector System: **Wire-to-Wire**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	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	Yes
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	B
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
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 # 1546350-2
R/A CABLE CLAMP KIT, SZ 23, CPC



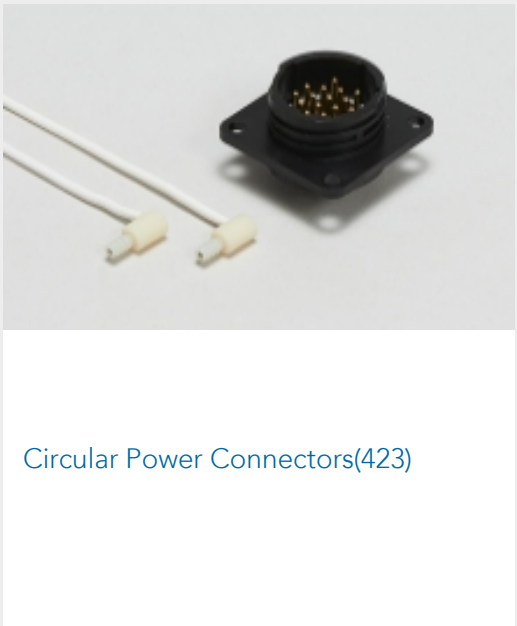
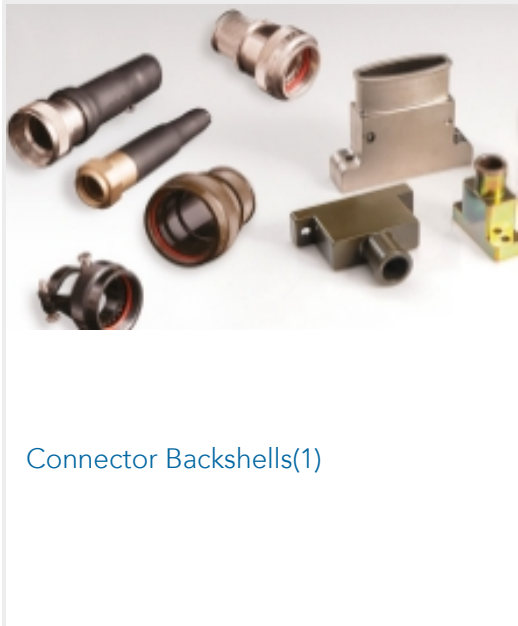
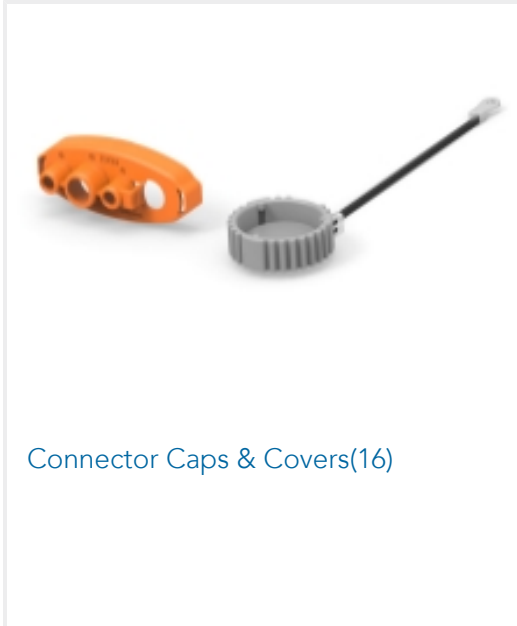
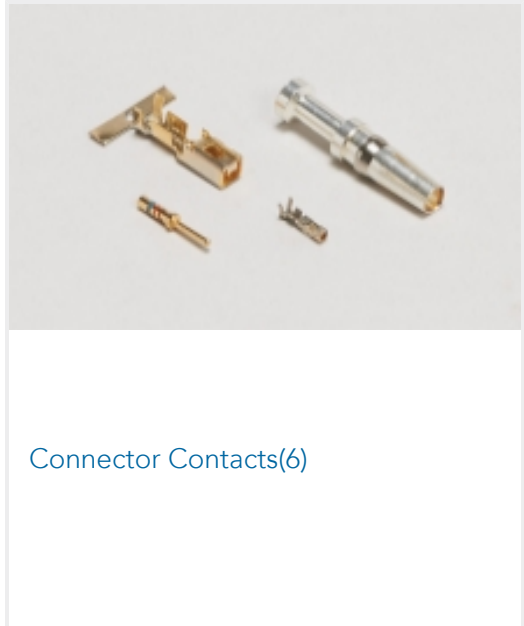
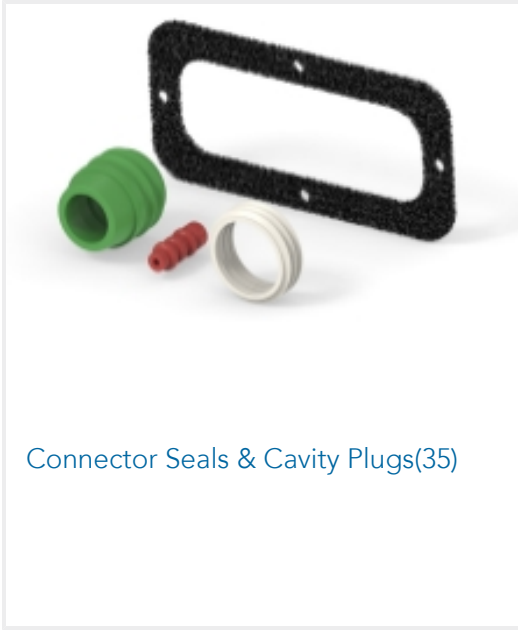
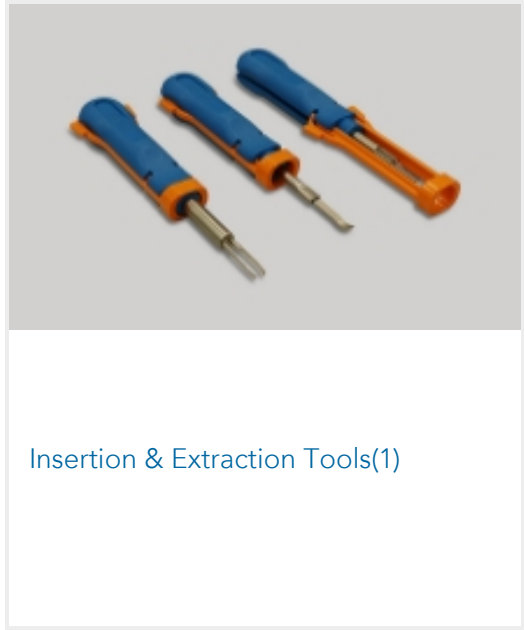
TE Part # 213850-1
CPC PLUG ASSEMBLY SIZE 23-37

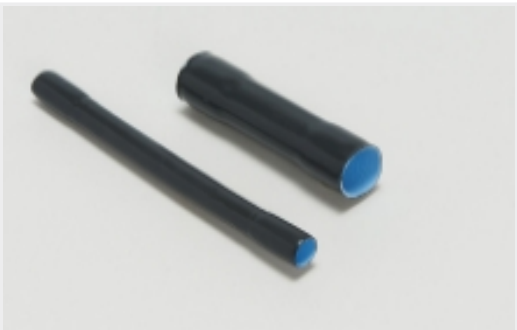


 TE Part # 206512-6 LARGE CABLE CLAMP KIT,BULK PKG	 TE Part # 206138-8 CLAMP CBL SHELL SIZE 23	 TE Part # 206512-5 CLAMP,CABLE SHELL,SIZE 23	 TE Part # 207299-4 FLANGE PLUG
 TE Part # 1-206138-0 CABLE CLAMP ASSY,BULK PACKED	 TE Part # 207055-1 EXTENDER BACK SHELL	 TE Part # 796382-2 R/A STRN RELIEF KIT,SZ 23,CPC	 TE Part # 6-2407269-1 CAP, CPC, SIZE 23 RECP, ORANGE
 TE Part # 6-2407269-2 CAP, CPC, SIZE 23 RECP, BLACK	 TE Part # 6-2407269-4 CAP, CPC, SIZE 23 RECP, YELLOW	 TE Part # 6-2407269-3 CAP, CPC, SIZE 23 RECP, RED	

Also in the Series

AMP CPC

 Circular Power Connectors(423)	 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 #213866-1
23-24 RCPT HSG,STD SEX,CPC



TE Part #YDTS20W23-35PNV001
RECP ASSY



TE Part #1-1326032-0
2.8MM RECP,SEAL,16AWG,REV REEL



TE Part #1633965-1
CRIMPER, INSUL O PREMIUM



TE Part #953318-2
1W HSG FOR DIESEL PLUG



TE Part #1-1801175-1
2W RECEPTACLE HP CONNECTOR
BLACK



TE Part #1-1801178-1
3W RECEPTACLE HP CONNECTOR
BLACK



TE Part #2-2236706-1
2-POS. SEALED 2.8MM USCAR
CLEAN BODY FOR



TE Part #284984-E
STVC 96 F ABC VV 7-00 0606 13,0 *
137 E



TE Part #926298-1
4P UNIV.M-N-L.CAP

Documents

Product Drawings
23-37 RCPT HSG,REV SEX,CPC
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_213864-1_K_c-213864-1-k.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_213864-1_K_c-213864-1-k.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213864-1_K_c-213864-1-k.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English