



Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
Connector Product Type: **Housing**
Operating Voltage: **250 VDC**
Connector System: **Wire-to-Panel**

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Panel
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	8
Number of Power Positions	0
Number of Signal Positions	8



Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	Yes
Contact Type	Socket
Contact Current Rating (Max)	7.5 A
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	5/8-24 UNEF-2A
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	Thermoplastic
Circular Connector Shell Size	11

Dimensions

Compatible Insulation Diameter Range	1.73 mm[.068 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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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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 # 1546347-2
R/A CABLE CLAMP KIT, SZ 11, CPC



TE Part # 207489-1
FLEXIBLE CABLE BOOT, SIZE 11

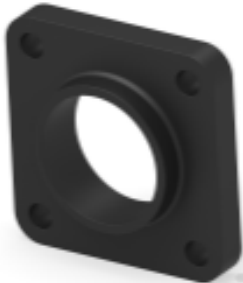


TE Part # 207490-1
CABLE GRIPPER, SIZE 11



TE Part # 206434-1
CPC PLUG ASSEMBLY SIZE 11-8

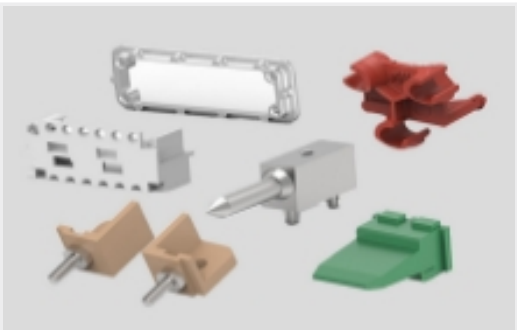


 TE Part # 206358-5 CABLE CLAMP ASY, SIZE 11	 TE Part # 1-206062-7 CABLE CLAMP KIT, BULK PKG	 TE Part # 1-206062-4 CABLE CLAMP KIT #11	 TE Part # 206358-6 CABLE CLAMP KIT, BULK PKG
 TE Part # 796379-2 R/A STRN RELIEF KIT,SZ 11,CPC	 TE Part # 213811-1 COUPLING RING,SZ 11,CPC	 TE Part # 207299-1 PLUG MTG. FLANGE NO 11 CPC	 TE Part # 206433-5 CPC RECPT,SZ 11-8,SMALL PACK
 TE Part # 2387131-1 PLUG CONN CA,REV,SER 2,SZ 11-8,L 0.5 M	 TE Part # 2387131-2 PLUG CONN CA,REV,SER 2,SZ 11-8,L 1M	 TE Part # 2387131-3 PLUG CONN CA,REV,SER 2,SZ 11-8,L 2M	 TE Part # 1-2407269-2 CAP, CPC, SIZE 11 RECP & 13 PLUG, BLACK
 TE Part # 1-2407269-3 CAP, CPC, SIZE 11 RECP & 13 PLUG, RED	 TE Part # 1-2407269-4 CAP, CPC, SIZE 11 RECP & 13 PLUG, YELLOW	 TE Part # 1-2407269-1 CAP, CPC, SIZE 11 RECP & 13 PLUG, ORANGE	

Also in the Series |

AMP CPC

 Circular Power Connectors(423)	 Connector Backshells(1)	 Connector Caps & Covers(16)	 Connector Contacts(6)
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Connector Hardware(12)



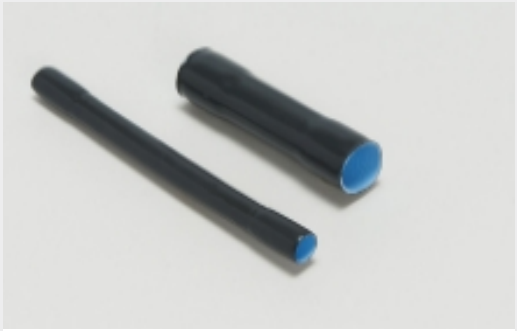
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)

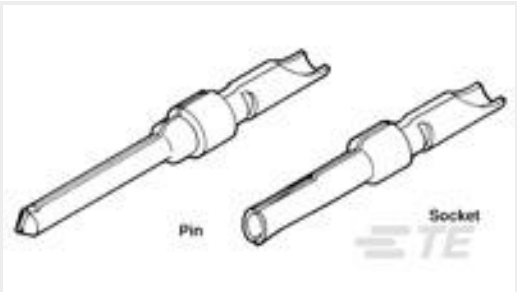


Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



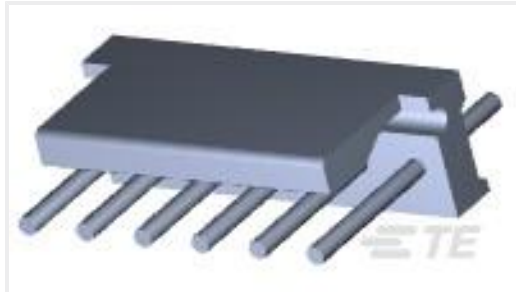
TE Part #66569-3
20DF SOCKET CONT. L.P.



TE Part #205841-1
CPC RECPT ASSEMBLY SIZE 11-8



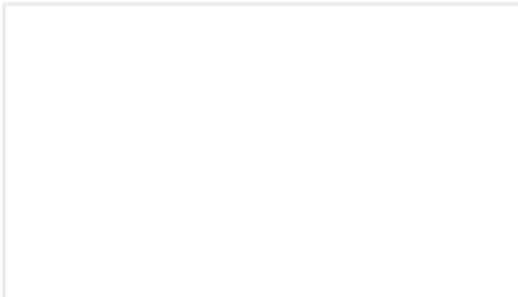
TE Part #206430-1
RECPT, SZ 11-4, CPC



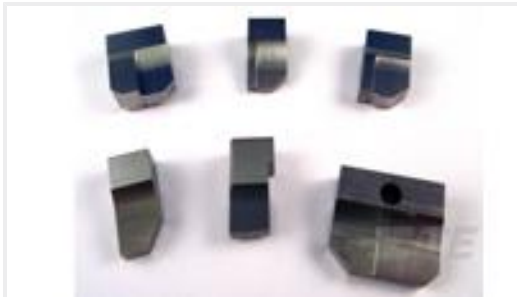
TE Part #644753-6
06P MTA156 HDR ASSY RN STR F/L



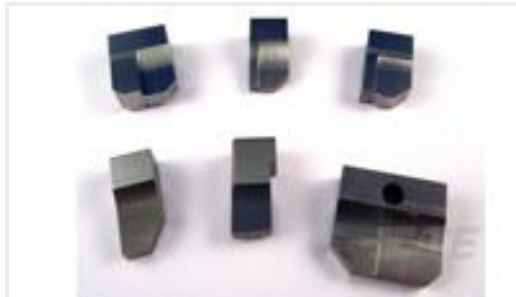
TE Part #3-683453-8
CRIMP,INS (110F X 060THK)



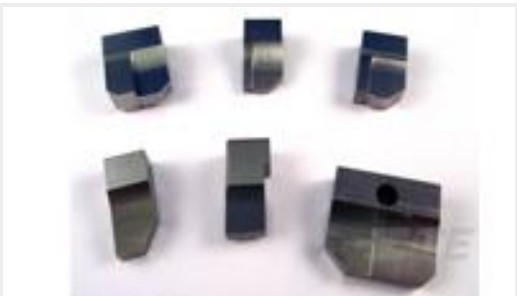
TE Part #85-300A-4C
NISO,ABS,1/4 NPT,CABLE/CONEC



TE Part #2-662188-3
ANVIL,COMBINATION .100



TE Part #6-854014-1
ANVIL, COMBINATION



TE Part #6-854014-4
ANVIL, COMB. (.062X.106)

Documents



Product Drawings

CPC RECPT ASSEMBLY SIZE 11-8

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206433-1_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206433-1_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206433-1_U.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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English