206433-3 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 206433-3

Circular Power Connectors, Housing, 250 VDC, Wire-to-Panel, 8 Position, Wire & Cable, Receptacle, Reverse Gender, Socket, Signal, Black, AMP CPC

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC Connectors, Series 2







Connector Product Type: **Housing**

Operating Voltage: **250 VDC**

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

Number of Positions: **8**

Sealable: **No**

All CPC Connectors, Series 2 (23)

Features

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

Contact Features

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

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature Type	Flange with Threaded Inserts
Mating Retention Type	Threaded Coupling
Thread Size	5/8-24 UNEF-2A
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]

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	100

Packaging Method	Standard

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.7% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. 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 # CAT-AM71-C83998B
CPC Cable Clamps



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



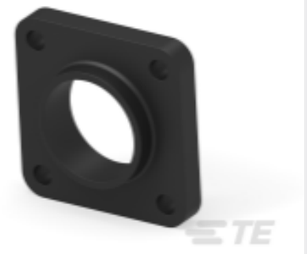
TE Part # 207489-1
FLEXIBLE CABLE BOOT, SIZE 11



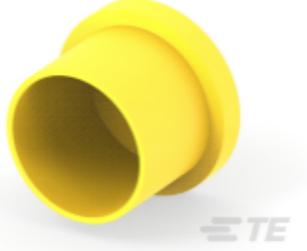
TE Part # 207490-1
CABLE GRIPPER, SIZE 11



TE Part # 213811-1
COUPLING RING,SZ 11,CPC



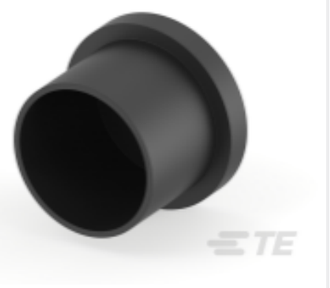
TE Part # 207299-1
PLUG MTG. FLANGE NO 11 CPC



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



TE Part # 1-2407269-2
CAP, CPC, SIZE 11 RECP & 13 PLUG, BLACK

Also in the Series | AMP CPC



Circular Power Connectors(458)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



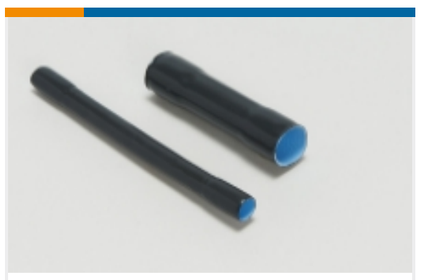
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

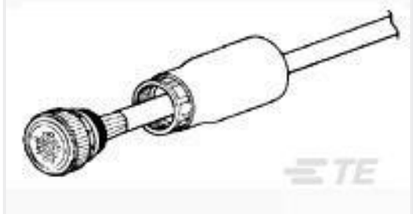


Sealing Sleeves(2)

Customers Also Bought



TE Part # 211398-4
CPC RECPT. SIZE 13-7,THRD INST



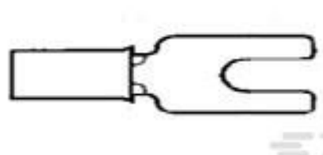
TE Part # 54123-1
CPC,13 LONG TUBE



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



TE Part # 66180-1
III+ PIN,SOLDER,30AU,10AU FLASH,LP



TE Part # 132528-1
PG 16-14 FCH 3



TE Part # 1838891-2
M12 Mtl FEMALE PNL CONN. Sldr Rear (Hex)



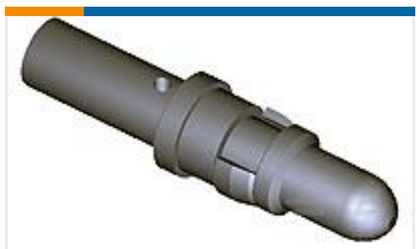
TE Part # 4-1393254-8
W91-X152-40=M6/M7/M9/W6/W7



TE Part # 1-1393255-0
W93-X112-40=M6/M7/M9/W6/W7



TE Part # 3-1393254-0
W91-X112-5=M6/M7/M9/W6/W7



TE Part # 212007-1
CONTACT PIN ASSY, SZ 8

Documents

Product Drawings

CPC RECPT ASSEMBLY SIZE 11-8

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206433-3_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206433-3_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206433-3_U.3d_stp.zip

English

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Agency Approvals

CSA Certificate

English

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