206518-2 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 206518-2

Circular Power Connectors, Connector Assembly, 250 VDC, Wire-to-Panel, 4 Position, Receptacle, Pin, Signal, Black, All Plastic, PA 6.6 GF, AMP CPC

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors > Cable/Panel Mount Connector, CPC Series 1

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Number of Positions: **4**

Sealable: **No**

All Cable/Panel Mount Connector, CPC Series 1 (57)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4

Electrical Characteristics

Operating Voltage	250 VAC

Contact Features

Reverse Gender	No
Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

Mechanical Attachment

Panel Feedthrough	Yes
Panel Mount Feature Type	Flange with Mounting Holes
Connector Mounting Type	Panel Mount
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	With
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling

Housing Features

Housing Color	Black
Housing Material	PA 6.6 GF
Circular Connector Shell Size	11

Dimensions

	1.209 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 Method	Standard
Packaging Quantity	27

Product Compliance

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

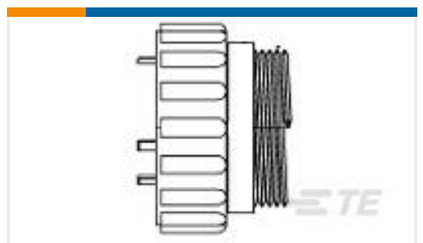
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



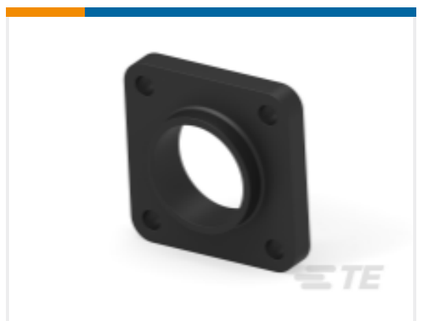
TE Part # 206516-1
CPC PLUG ASSEMBLY SIZE 11-4

TE Part # 206060-1
CPC PLUG ASSEMBLY SIZE 11-4

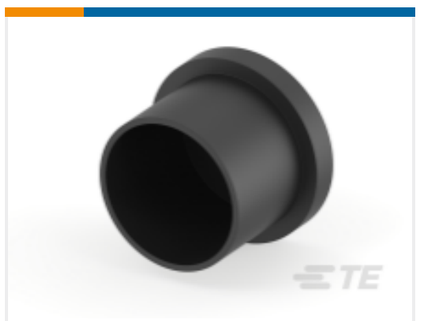
TE Part # CAT-AM71-C83998B
CPC Cable Clamps

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

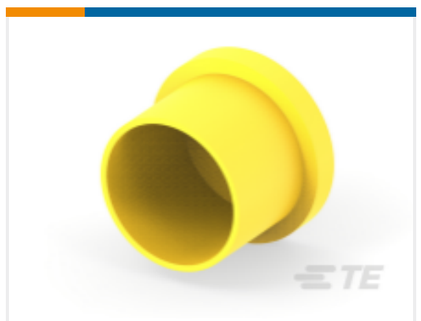
TE Part # 207490-1
CABLE GRIPPER, SIZE 11



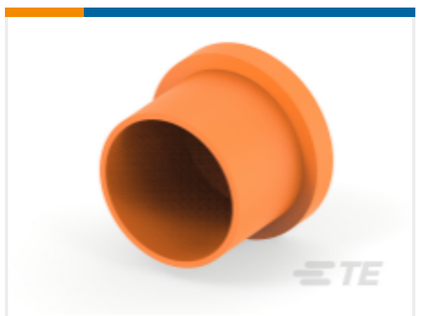
TE Part # 207299-1
PLUG MTG. FLANGE NO 11 CPC



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



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 # 206518-5
CPC RECPT ASSEMBLY SIZE 11-4

Also in the Series | AMP CPC

Circular Connector Adapters(7)

Circular Connector Boots & Strain Relief(6)

Circular Connector Caps & Covers(16)

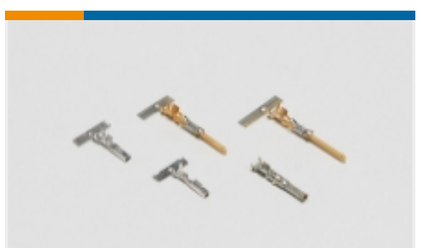
Circular Connector Hardware(3)

Circular Connector Keying Plugs(2)

Circular Connector Seals(36)

Circular Power Connectors(467)

Insertion & Extraction Tools(1)



Power Contacts(6)

Sealing Sleeves(2)

Unscreened Circular Connector Backshells & Clamps(56)

Documents

Product Drawings

CPC RECPT ASSEMBLY SIZE 11-4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206518-2_V.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206518-2_V.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206518-2_V.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_206518-2_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_206518-2_F.3d_igs.zip

English

Customer View Model

ENG_CVM_206518-2_F.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English