1-207825-5 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 1-207825-5

Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, 4 Position, Sealable, Receptacle, Pin, Signal, Black, AMP CPC, Circular Power Connectors

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
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

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

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

Dimensions

Assembly Length	39.37 mm[1.55 in]

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

Packaging Features

Packaging Quantity	27
Packaging Method	Tray

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	Wave solder capable to 265°C

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 # 206060-2
CPC PLUG,SZ 11-4,SMALL PACK

Also in the Series | AMP CPC



Circular Power Connectors(423)



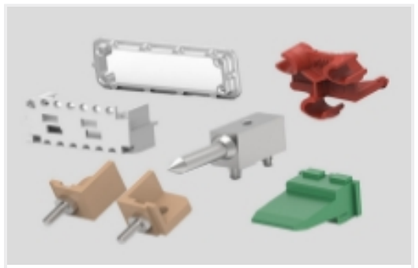
Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



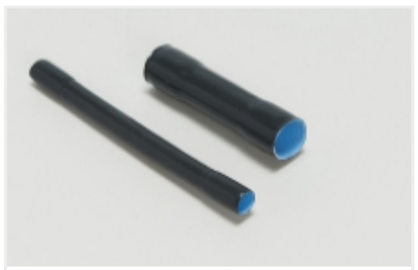
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

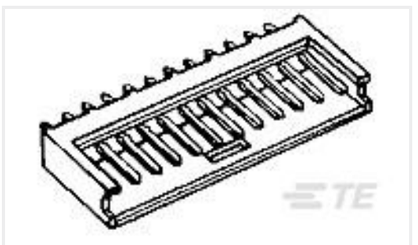
Customers Also Bought



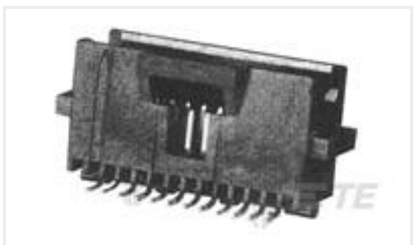
TE Part #CX7198-000
RHW-16/4-1200/ADH-0



TE Part #5-102202-3
06 MODII HDR SRST SHRD LF



TE Part #280374-2
10P AMPMODU II SHRD HDR, ST, 0.38 AU



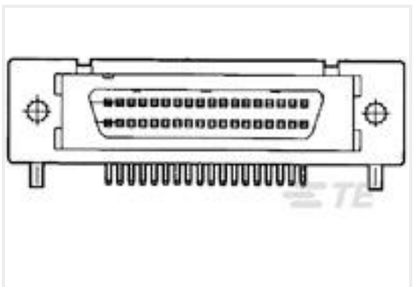
TE Part #5-147377-1
10 SYS50 SMT HDR DR SHD SN



TE Part #535541-4
06 MODIV VRT SR CE 100/115



TE Part #1-2308338-1
QL-FULL METAL HOODS SIZE 5 (1 CABLE CLP)



TE Part #2-5174341-5
68P S-MINI-MITE CAP HDR R-LEG

TE Part #3-2172067-2
M8 MALE R/A PNL.4P.PCB (AU)



TE Part #6600150-1
MBXL R/A HDR DB 4P+24S

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-207825-5_AG.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-207825-5_AG.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-207825-5_AG.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_1-207825-5_R1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-207825-5_R1.3d_igs.zip

English

Customer View Model

ENG_CVM_1-207825-5_R1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Connector, Circular Plastic

English

Product Specification

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English