

208481-1 Product Details



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TE Internal Number: 208481-1



CPC (Circular Plastic) and Circular Metal-Shell Connectors

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Housing
- Connector Style = Receptacle
- 22 Positions
- 20 Signal Positions
- 2 Power Positions

Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, 28-22M, STANDARD SEX, CMC](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMP Circular Connectors for Commercial Signal & Powe...](#) (PDF, English)

Product Specifications:

- [Circular Metal \(CMC\) Connector](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- [AMP* METAL SHELL CPC \(CIRCULAR PLASTIC CONNECTORS\)](#) (PDF, English)

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version K)
- [3D Model](#) (IGES, Version K)
- [3D Model](#) (STEP, Version K)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(2\)](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Connector Type = Housing
- Mount Angle = Straight
- Shell Size = 28
- PCB Mount Retention = Without
- Shell Type = Metal
- Product Series = Series 4
- Thread Size = 1-3/8 - 18 UNEF-2A
- Sealed = No
- Shell Material = Zinc alloy

Mechanical Attachment:

- Mount = Panel
- Mating Retention Type = Threaded Coupling

Body Features:

- Mount Style = Flange with Mounting Holes
- Shell Plating = Nickel

Contact Features:

- Contact Type = Pin
- Reverse Gender = Standard

Housing Features:

- Connector Style = Receptacle
- Mating Alignment Type = Keyed
- Housing Material = Thermoplastic - GF
- Housing Color = Black
- UL Flammability Rating = UL 94V-0

Configuration Features:

- Number of Positions = 22
- Number of Signal Positions = 20
- Number of Power Positions = 2
- Environmental Protection = Without
- Reverse Numbering = Without

Industry Standards:

- VDE Tested = No
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Environmental:

- Fluid Resistance = None

Conditions for Usage:

- Accepts Wire Insulation Diameter, Range (mm [in]) = 5.59 [0.220]

Other:

- Brand = AMP