



213828-3 Product Details

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213828-3

TE Internal Number: 213828-3

Active

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CPC (Circular Plastic) and Circular Metal-Shell Connectors

Not EU RoHS or ELV Compliant

Product Highlights:

- Connector Assembly
- Connector Style = Receptacle
- 37 Positions
- 37 Signal Positions
- 0 Power Positions

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, POSTED, REVERSE SEX, SERIES 1, ... \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [Circular Plastic Connectors \(CPC\) \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Connector Type = Connector Assembly
- Mount Angle = Straight
- Shell Size = 23
- PCB Mount Retention = Without
- Shell Type = All Plastic
- Product Series = Series 1
- Thread Size = 1-3/8 - 18 UNEF-2A
- Sealed = Yes

Mechanical Attachment:

- Number of Power Positions = 0
- Mount = Panel
- Mating Retention Type = Threaded Coupling

Termination Features:

- Contact Termination Type = Through Hole
- Termination Method = Solder
- Seal Type = Peripheral
- Termination End Plating = Tin-Lead over Nickel
- Termination Post Length (mm [in]) = 9.35 [0.368]

Body Features:

- Number of Positions = 37
- Number of Signal Positions = 37
- Mount Style = Flange with Mounting Holes
- Positions Unloaded = 15

Contact Features:

- Contact Type = Socket
- Contact Plating, Mating Area, Material = Tin
- Reverse Gender = Reverse
- Contact Base Material = Brass

Housing Features:

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

Configuration Features:

- Environmental Protection = With
- Reverse Numbering = Without

Industry Standards:

- VDE Tested = No
- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C

Identification Marking:

- Keying = A
- Keyed Position = 15

Environmental:

- Fluid Resistance = Immersion

Conditions for Usage:

- Applies To = Printed Circuit Board

Other:

- Brand = AMP
- Comment = Posts are 0.43 [.017] offset from centerline of contacts. All posts must be oriented in the same plane for proper contact/post location.