

213781-2 Product Details

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213781-2

TE Internal Number: 213781-2

Active

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CPC (Circular Plastic) and Circular Metal-Shell Connectors

[Not EU RoHS or ELV Compliant](#)

Product Highlights:

- Preloaded
- 19 Positions
- 19 Signal Positions
- 0 Power Positions
- Connector Style = Receptacle

[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 M)
- [3D Model](#) (IGES, Version M)
- [3D Model](#) (STEP, Version M)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Mount](#) = Panel
- [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
- [Mating Polarization Type](#) = Keyed
- [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.

Mechanical Attachment:

- [Number of Power Positions](#) = 0
- [Mating Retention Type](#) = Threaded Coupling
- [VDE Tested](#) = No
- [Keying](#) = A

Termination Related Features:

- [Termination Method](#) = Solder
- [Seal Type](#) = Peripheral
- [Termination End Plating](#) = Tin-Lead over Copper
- [Termination Post Length \(mm \[in\]\)](#) = 9.35 [0.368]

Body Related Features:

- [Number of Positions](#) = 19
- [Number of Signal Positions](#) = 19
- [Mount Style](#) = Flange with Mounting Holes
- [Fluid Resistance](#) = Immersion
- [Positions Unloaded](#) = 5, 6, 9, 12-15

Contact Related Features:

- [Preloaded](#) = Yes
- [Contact Type](#) = Socket
- [Contact Termination Type](#) = Through Hole
- [Contact Plating, Mating Area, Material](#) = Tin
- [Standard or Reverse Gender](#) = Reverse
- [Contact Base Material](#) = Brass

Housing Related Features:

- [Connector Style](#) = Receptacle
- [Housing Material](#) = Nylon
- [Housing Color](#) = Black
- [UL Flammability Rating](#) = UL 94V-0

Configuration Related Features:

- [Environmental Protection](#) = With
- [Reverse Numbering](#) = Without

Industry Standards:

- [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- [Accepts Wire Insulation Diameter, Range \(mm \[in\]\)](#) = 2.54 [0.100]

Other:

- [Brand](#) = AMP

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