

213855-1 Product Details

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213855-1

TE Internal Number: 213855-1
 Active

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CPC (Circular Plastic) and Circular Metal-Shell Connectors

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

- Product Highlights:**
- Connector Assembly
 - Connector Style = Receptacle
 - 16 Positions
 - 16 Signal Positions
 - 0 Power Positions

[View all Features](#)

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Documentation & Additional Information

- Product Drawings:**
- [RECEPTACLE ASSEMBLY, POSTED, STANDARD SEX, 17-16, CPC \(PDF, English\)](#)
- 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 \(DXF, Version F\)](#)
 - [3D Model \(IGES, Version F\)](#)
 - [3D Model \(STEP, Version F\)](#)

- Additional Information:**
- [Product Line Information](#)
- Additional Product Images:**
- [Contact Arrangement](#)
- Related Products:**
- [Tooling](#)

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

- Product Type Features:**
- Connector Type = Connector Assembly
 - Mount Angle = Straight
 - Shell Size = 17
 - PCB Mount Retention = Without
 - Shell Type = All Plastic
 - Product Series = Series 1
 - Thread Size = 15/16-20 UNEF-2A
 - Sealed = No
- Mechanical Attachment:**
- Number of Power Positions = 0
 - Mount = Panel
 - Mating Retention Type = Threaded Coupling
- Termination Features:**
- Contact Termination Type = Through Hole
 - Termination Method = Solder
 - Termination End Plating = Tin-Lead over Nickel
- Body Features:**
- Number of Positions = 16
 - Number of Signal Positions = 16
 - Mount Style = Flange with Mounting Holes
- Contact Features:**
- Contact Type = Pin
 - Contact Plating, Mating Area, Material = Gold (30)
 - Reverse Gender = Standard

- 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 = Without
 - Reverse Numbering = Without
- Industry Standards:**
- VDE Tested = No
 - 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
- Identification Marking:**
- Keying = B
- Environmental:**
- Fluid Resistance = None
- Conditions for Usage:**
- Applies To = Printed Circuit Board
 - Accepts Wire Insulation Diameter, Range (mm [in]) = 2.54 [0.100]
- 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.; 4 Locating Key Arrangement.