

## 213855-1 Product Details

Have a Question?

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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:

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

[View all Features](#)

#### Quick Links

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

##### Additional Information:

- [Product Line Information](#)

##### Additional Product Images:

- [Contact Arrangement](#)

##### Related Products:

- [Tooling](#)

[List all Documents](#)

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

##### Product Type Features:

- [Mount](#) = Panel
- [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
- [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.; 4 Locating Key Arrangement.

##### Mechanical Attachment:

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

##### Termination Related Features:

- [Termination Method](#) = Solder
- [Termination End Plating](#) = Tin-Lead over Nickel

##### Body Related Features:

- [Number of Positions](#) = 16
- [Number of Signal Positions](#) = 16
- [Mount Style](#) = Flange with Mounting Holes
- [Fluid Resistance](#) = None

##### Contact Related Features:

- [Preloaded](#) = Yes
- [Contact Type](#) = Pin
- [Contact Termination Type](#) = Through Hole
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Standard or Reverse Gender](#) = Standard

##### Housing Related Features:

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

##### Configuration Related Features:

- [Environmental Protection](#) = Without
- [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

BOOKMARK

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- [Product Compliance Support Center](#)
- [Site Map](#)

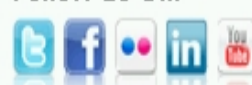
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