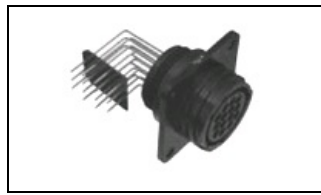


## 1-796406-2 Product Details

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1-796406-2

TE Internal Number: 1-796406-2  
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](#)

#### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
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### Documentation & Additional Information

#### Product Drawings:

- [RECEPTACLE ASSY, POSTED, RTANGLE, STD SEX, SIZE 23-...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files: (CAD Format & Compression Information)

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

#### Related Products:

- [Tooling](#)

[List all Documents](#)

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

#### Product Type Features:

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

#### Mechanical Attachment:

- Mount = Panel
- Mating Retention Type = Threaded Coupling

#### Termination Features:

- Contact Termination Type = Through Hole
- Termination Method = Solder
- Seal Type = Peripheral
- Termination End Plating = Tin over Copper

#### Body Features:

- 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 = Thermoplastic - GF
- Housing Color = Black

#### Configuration Features:

- Number of Positions = 37
- Number of Signal Positions = 37
- Number of Power Positions = 0
- 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 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C

#### Environmental:

- Fluid Resistance = Immersion

#### Conditions for Usage:

- Applies To = Printed Circuit Board

#### Other:

- Brand = AMP

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