

**Product Details for 1116551 -1**



**1116551 -1**

[Active](#)

**2.16 [.085] Printed Circuit Board Connectors**

[RoHS Compliant \(Statement of Compliance\)](#)

**Product Highlights:**

- ? Receptacle
- ? Number of Positions = 50
- ? PCB Mount Style = Vertical
- ? Standard Orientation
- ? Standard Profile

[View all Features](#)

**Quick Links**

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

**Documentation & Additional Information**

**Product Drawings:**

- ? [RECEPTACLE ASSEMBLY, 50 POSITION, SHIELDED, ACTION P...](#) (PDF, English)

**Catalog Pages/Data Sheets:**

- ? None Available

**Product Specifications:**

- ? [Connector, CHAMP, ACTION PIN](#) (PDF, English)

**Application Specifications:**

- ? [CHAMP Action Pin Connectors](#) (PDF, English)

**Instruction Sheets:**

- ? None Available

**CAD Files:** ([CAD Format & Compression Information](#))

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

[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:**

- ? [Gender](#) = Receptacle
- ? [Number of Positions](#) = 50
- ? [PCB Mount Style](#) = Vertical
- ? [Orientation](#) = Standard
- ? [Profile](#) = Standard
- ? [Shielded](#) = Yes
- ? Mating Connector Lock = With
- ? Mating Connector Lock Type = Screwlocks
- ? [Special PCB Retention](#) = Without
- ? [Grounded](#) = No
- ? Mounting Hole Diameter (mm [in]) = 3.81 [.150]
- ? Color = Natural
- ? Shield Material = Carbon Steel
- ? Screw Size = 4 -40

**Mechanical Attachment:**

- ? [Panel Attachment](#) = With
- ? Panel Attachment Style = Rear Mount

**Termination Related Features:**

- ? Termination Post Length (mm [in]) = 4.06 [0.160]

**Body Related Features:**

- ? Shield Plating = Bright Nickel

**Contact Related Features:**

- ? [Contact Mating Area Plating](#) = Gold (30) over Nickel
- ? Contact Material = Copper Alloy
- ? ACTION PIN Plating = Gold Flash over Nickel

**Housing Related Features:**

- ? Housing Material = Polyester
- ? Housing Flammability Rating = UL 94V -0

**Industry Standards:**

- ? [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- ? RoHS/ELV Compliance History = Always was RoHS compliant

**Operation/Application:**

- ? Application = ACTION PIN (Solderless)

**Other:**

- ? Brand = AMP