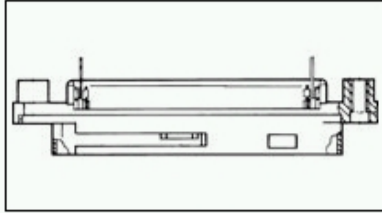


552224-1 Product Details

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552224-1

TE Internal Number: 552224-1

 Active

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2.16 [.085] PCB Connectors & Cable Assemblies

 [5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates/Statement of Compliance](#))

Product Highlights:

- Connector
- Connector Style = Receptacle
- 2.16 mm Centerline
- CHAMP Product Line
- 24 Positions

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, 24 POSITION, VERTICAL MOUNTING ...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [CHAMP Printed Circuit \(PC\) Board Mounted Connectors](#) (PDF, English)

Instruction Sheets:

- [CHAMP* Right-Angle-Mount and Vertical-Mount Printed ...](#) (PDF, English)

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Recommended PC Board Mtg Dim](#)
- [Recommended PC Board Mtg Dim](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Product Type = Connector
- Product Line = CHAMP
- [PCB Mount Style](#) = Vertical
- [Orientation](#) = Standard
- [Profile](#) = Standard
- Mating Connector Lock = With
- Mating Connector Lock Type = Bail Lock, Screwlocks
- [PCB Mount Retention](#) = Without
- [Grounded](#) = No
- Mounting Hole Diameter (mm [in]) = 4.80 [.189]
- Color = Black
- Bracket Material = Thermoplastic
- PC Board Material = Glass-filled Polyester

Mechanical Attachment:

- [Panel Mount Retention](#) = Without
- Plate Material = Thermoplastic
- Comb Material = Thermoplastic

Electrical Characteristics:

- [Shielded](#) = No

Termination Features:

- Solder Tail Contact Plating = Tin

Body Features:

- Centerline (mm [in]) = 2.16 [0.085]
- [Number of Positions](#) = 24

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold, Gold or Gold Flash over Palladium Nickel
- Contact Base Material = Copper Alloy

Housing Features:

- Connector Style = Receptacle
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 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:

- PCB Thickness, Recommended (mm [in]) = 1.57 [0.062], 3.18 [0.125], 2.36 [0.093]

Operation/Application:

- Application = Interface Bus Application per IEEE-488

Other:

- Brand = AMP

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