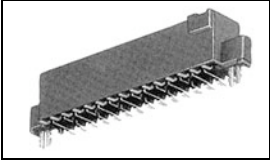


5-104652-1 Product Details



5-104652-1

TE Internal Number: 5-104652-1

 [Active](#)

 [View 3D PDF](#)

.050 Inch AMPMODU 50/50 Grid

 [Always EU RoHS/ELV Compliant](#)
([Statement of Compliance](#))

Product Highlights:

- 10 Positions
- Connector Type = Connector - Receptacle
- Terminate To Printed Circuit Board
- Vertical Mount Angle
- Yes PCB Retention Feature

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [ASSEMBLY, RECEPTACLE, VERTICAL, DOUBLE ROW, SURFACE M...](#) (PDF, English)

Catalog Pages/Data Sheets:

- [AMPMODU INTERCONNECTION SYSTEM SECTION1AND2](#) (PDF, English)
- [Ribbon Cable Interconnect Solutions](#) (PDF, English)
- [Fine Pitch Stacking Connectors - 1.27mm AMPMODU 50/5...](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU 50/50 Grid Connectors for SMT PC Board and I...](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(13\)](#)

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

Product Type Features:

- [Number of Positions](#) = 10
- Connector Type = Connector - Receptacle
- [Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = Yes
- [Mating Connector Lock](#) = Without
- [Mating Polarization](#) = With
- Mating Polarization Type = Polarizing Tab
- Hold-Down Post Material = Copper Alloy

Mechanical Attachment:

- Hold-Down Post Plating = Tin (150) over Nickel

Contact Related Features:

- Approved Standards = UL E28476, CSA LR7189
- Contact Base Material = Copper Alloy
- Contact Plating, Mating Area, Material = Gold (30)
- Contact Underplating = Nickel

Housing Related Features:

- Housing Material = Thermoplastic - GF
- Housing Flammability Rating = UL 94V-0
- Housing Color = Black

Industry Standards:

(50)

Electrical Characteristics:

- Voltage (VAC) = 30
- Insulation Resistance (M Ω) = 5,000
- Dielectric Withstanding Voltage (V) = 300
- Contact Current Rating (Amps.) = 1 - 4

Termination Related Features:

- Solder Tail Contact Plating = Tin (150) over Nickel (50)

Body Related Features:

- [PCB Retention Method](#) = Hold Down Post

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- [Terminate To](#) = Printed Circuit Board
- Temperature Range (°C) = -65 - +105

Packaging Related Features:

- Packaging Method = Tube

Other:

- Brand = AMP