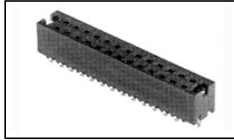




5-147102-6 Product Details

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5-147102-6

TE Internal Number: 5-147102-6

Active

[View 3D PDF](#)

.100 inch AMPMODU Receptacles

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)
Product Highlights:

- Connector
- Mod IV
- 12 Positions
- Number of Rows = Dual
- Standard Profile

[View all Features](#)
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Documentation & Additional Information
Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- [AMPMODU Mod II and Mod IV Printed Circuit Board Conn...](#) (PDF, English)

Instruction Sheets:

- None Available

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

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

[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:

- [Product Type](#) = Connector
- [Connector Series](#) = Mod IV
- [Profile](#) = Standard
- [Mounting Pattern \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Sealed](#) = No
- [Holddown Feature](#) = With
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- Termination Method to PC Board = Surface Mount
- Closed Entry = With
- Board Standoff = With
- Holddown Method = Compliant Pin

Mechanical Attachment:

- [Stackable](#) = No

Electrical Characteristics:

- Voltage (VAC) = 250
- Termination Resistance (mΩ) = 12
- Contact - Rated Current (A) = 3
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Features:

- Solder Tail Contact Plating = Tin over Nickel

Body Features:

- [Number of Positions](#) = 12
- [Number of Rows](#) = Dual
- [Connector Height \(mm \[in\]\)](#) = 6.73 [0.265]
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Phosphor Bronze

Housing Features:

- Housing Entry Style = Bottom or Top
- Housing Material = Liquid Crystal Polymer (LCP)
- UL Flammability Rating = UL 94V-0
- Housing Color = Black

Industry Standards:

- Government/Industry Qualification = No
- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL E28476, CSA LR7189

Environmental:

- Operating Temperature (°C) = -65 - +125

Conditions for Usage:

- High Temperature Compatible = Yes

Packaging Features:

- Packaging Method = Gang of Tubes

Other:

- Brand = AMP
- Comment = No center holddown

Corporate Information

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