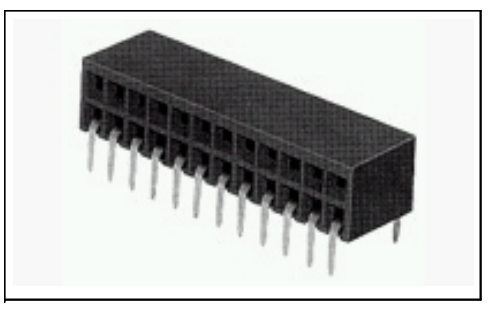
1-5535512-5 Product Details

Live Product Chat US Only 8:30am - 5pm ET, Mon - Fri



1-5535512-5

Active

.100 inch AMPMODU Receptacles

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Receptacle
- Mod II
- Number of Positions = 48
- Number of Rows = Dual
- Standard Profile

View all Features | Find Similar Products

Quick Links

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Product Feature Selector
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Documentation & Additional Information

Product Drawings:

- AMPMODU MOD II RECEPTACLE ASSEMBLY, HORIZONTAL, .100... (PDF, English)

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:

- None Available

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 = Receptacle
- Connector Series = Mod II
- Number of Positions = 48
- Profile = Standard
- Mount Angle = Right Angle
- Mounting Pattern (mm [in]) = 2.54 x 7.87 [.100 x .310]
- Sealed = No
- Holddown Feature = Without
- PCB Retention Feature = No
- Closed Entry = With
- Board Standoff = With
- Comment = 6.50 [.256] minimum positive pin stop to prevent shorting between rows.; Tyco Electronics recommends mating gold or duplex plated headers with duplex plated receptacle assemblies.

Mechanical Attachment:

- Stackable = Yes

Electrical Characteristics:

- Contact Current Rating (Amps.) = 2
- Contact Resistance (m?) = 12
- Insulation Resistance (M?) = 5,000
- Dielectric Withstanding Voltage (V) = 750

Termination Related Features:

- Termination Method = Through Hole
- Termination (Solder) Post Length (mm [in]) = 2.92 [0.115]
- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- Number of Rows = Dual
- Connector Height (mm [in]) = 6.05 [0.238]
- Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Contact Related Features:

- Contact Mating Area Plating Material = Gold (30)
- Contact Material = Phosphor Bronze
- Approved Standards = UL E28476, CSA LR7189
- Contact Type = Short Point

Housing Related Features:

- Housing Entry Style = Side
- Housing Material = Polyester PCT
- Housing 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 = 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

Conditions for Usage:

- Operating Temperature (°C) = -55 – +125
- High Temperature Compatible = Yes

Packaging Related Features:

- Packaging Quantity = 40
- Packaging Method = Gang of Tubes

Other:

- Brand = AMP

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