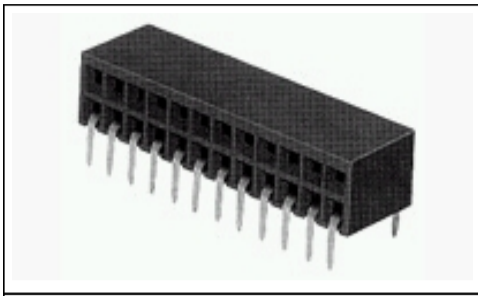


1 - 5535512 -5 Product Details

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

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

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

Additional Information:

- ? [Product Line Information](#)

Related Products:

- ? [Tooling](#)

[List all Documents](#)

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