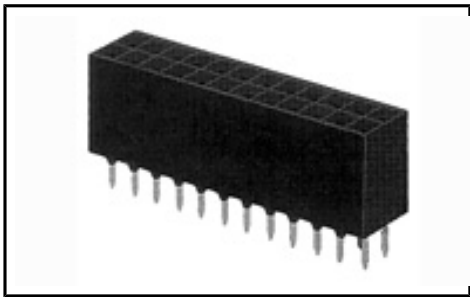




# 6-534206-0 Product Details



6-534206-0



[Active](#)

## .100 inch AMPMODU Receptacles



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

### Product Highlights:

- Receptacle
- Mod II
- Number of Positions = 20
- Number of Rows = Dual
- Standard Profile

[View all Features](#) | [Find Similar Products](#)

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## Documentation & Additional Information

### Product Drawings:

- [RECEPTACLE ASSEMBLY, MOD II, DOUBLE ROW, DUAL ENTRY,...](#) (PDF, English)

### Catalog Pages/Data Sheets:

- [AMPMODU INTERCONNECTION SYSTEM](#) (PDF, English)

### 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](#) = 20
- [Profile](#) = Standard
- [Mount Angle](#) = Vertical
- [Mounting Pattern \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Sealed](#) = No
- [Holddown Feature](#) = Without
- PCB Retention Feature = Yes
- Closed Entry = With
- Board Standoff = With
- Comment = To obtain the minimum mating post length, add 0.51 [.020] (not including the post lead in chamfer) to the maximum point-of-contact dimension.; 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 $\Omega$ ) = 12
- Insulation Resistance (M $\Omega$ ) = 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 \[in\]\)](#) = 8.12 [0.320]
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [PCB Retention Method](#) = Retention Solder Tails

**Contact Related Features:**

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

**Housing Related Features:**

- Housing Entry Style = Top
- 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) = -65 – +105
- High Temperature Compatible = No

**Packaging Related Features:**

- Packaging Method = Gang of Tubes

**Other:**

- Brand = AMP

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