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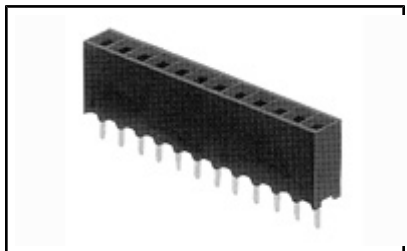
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# 6-535541-0 Product Details

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



**6-535541-0**



[Active](#)

### **.100 inch AMPMODU Receptacles**



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

#### **Product Highlights:**

- Receptacle
- Mod IV
- Number of Positions = 12
- Number of Rows = Single
- Low Profile

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#### **Documentation & Additional Information**

**Product Drawings:**

- [RECPT.ASSY, MOD IV, SINGLE ROW, .100CL, VERTICAL BOA...](#) (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:** ([CAD Format & Compression Information](#))

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

**Additional Information:**

- [Product Line Information](#)

**Related Products:**

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

**Product Type Features:**

- [Product Type](#) = Receptacle
- [Connector Series](#) = Mod IV
- [Number of Positions](#) = 12
- [Profile](#) = Low
- [Mount Angle](#) = Vertical
- [Mounting Pattern \(mm \[in\]\)](#) = 2.54 [.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•) = 12
- Insulation Resistance (M•) = 5,000
- Dielectric Withstanding Voltage (V) = 750

**Termination Related Features:**

- Termination Method = Through Hole
- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- Solder Tail Contact Plating = Tin over Nickel

**Body Related Features:**

- [Number of Rows](#) = Single
- [Connector Height \(mm \[in\]\)](#) = 6.22 [0.245]
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 [.100]
- [PCB Retention Method](#) = Retention Solder Tails

**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 = 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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