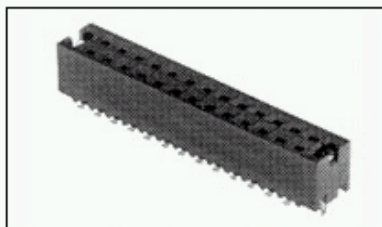


## 5-147741-6 Product Details

### Have a Question?

Chat with a Product Information Specialist



5-147741-6

TE Internal Number: 5-147741-6

Active

### .100 inch AMPMODU Receptacles

Always EU RoHS/ELV Compliant (Statement of Compliance)

#### Product Highlights:

- Connector
- Housing Gender = Connector - Receptacle
- Contact Gender = Receptacle
- Mod IV
- 12 Positions

[View all Features](#)

### Quick Links

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

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### Documentation & Additional Information

#### Product Drawings:

- [RCPT ASSY, MOD IV, DOUBLE ROW, VERTICAL, DUAL ENTRY,...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### 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](#) = Connector
- [Connector Series](#) = Mod IV
- [Profile](#) = Standard
- [Mount Angle](#) = Vertical
- [Mounting Pattern \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- [Sealed](#) = No
- [Holddown Feature](#) = Without
- PCB Mount Retention = Without
- Closed Entry = With
- Board Standoff = With

#### Mechanical Attachment:

- [Stackable](#) = Yes

#### Electrical Characteristics:

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

#### Termination Related Features:

- Solder Tail Contact Plating = Tin over Nickel

#### Body Related 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 Related Features:

- Contact Gender = Receptacle
- [Contact Termination Type](#) = Surface Mount
- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Base Material = Phosphor Bronze

#### Housing Related Features:

- Housing Gender = Connector - Receptacle
- Housing Entry Style = Bottom or Top
- Housing Material = Polyester PCT
- 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, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL E28476, CSA LE7189

#### Conditions for Usage:

- Operating Temperature (°C) = -65 - +125
- High Temperature Compatible = Yes

#### Packaging Related Features:

- Packaging Method = Tape & Reel

#### Other:

- Brand = Tyco Electronics

BOOKMARK

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