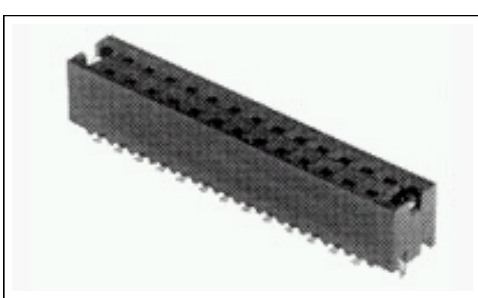


## 1-147105 -2 Product Details

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



**1-147105 -2**

[Active](#)

### .100 inch AMPMODU Receptacles

[Not EU RoHS or ELV Compliant](#) ( [Find RoHS Compliant Alternates](#) )

#### Product Highlights:

- ? Receptacle
- ? Mod IV
- ? Number of Positions = 24
- ? 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:

- ? [RECEPTACLE ASSEMBLY, MOD IV, DOUBLE ROW, DUAL ENTRY,...](#) (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 IV
- ? [Number of Positions](#) = 24
- ? [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 = No
- ? Closed Entry = With
- ? Board Standoff = With
- ? Comment = Pick and place compatible, Kapton dot.

##### Mechanical Attachment:

- ? [Stackable](#) = Yes

##### Electrical Characteristics:

- ? Voltage (VAC) = 250
- ? Termination Resistance (m?) = 12
- ? Contact Current Rating (Amps.) = 3
- ? Insulation Resistance (M?) = 5,000
- ? Dielectric Withstanding Voltage (V) = 750

##### Termination Related Features:

- ? Termination Method = Surface Mount
- ? Solder Tail Contact Plating = Tin -Lead over Nickel

##### Body Related Features:

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

##### Housing Related Features:

- ? Housing Entry Style = Bottom or Top
- ? Housing Material = Polyester PCT
- ? Housing Flammability Rating = UL 94V -0
- ? Housing Color = Black

##### Industry Standards:

- ? Government/Industry Qualification = No
- ? [RoHS/ELV Compliance](#) = Not ELV/RoHS compliant
- ? [Lead Free Solder Processes](#) = Reflow solder capable to 245°C

##### Conditions for Usage:

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

##### Packaging Related Features:

- ? Packaging Method = Tape & Reel

##### Other:

- ? Brand = AMP