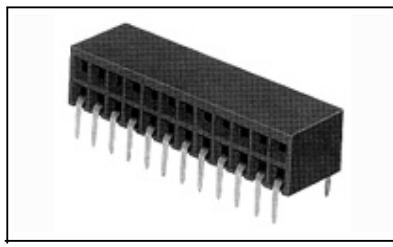


5-5102084-8 Product Details


5-5102084-8

TE Internal Number: 5-5102084-8



.100 inch AMPMODU Receptacles

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

- Connector
- Connector Type = Connector - Receptacle
- Mod II
- 16 Positions
- Number of Rows = Dual

[View all Features](#)
[Live Product Chat](#)
Quick Links

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

 [Add to My Part List](#)
 [Request Sample](#)
 [Find Similar Products](#)
 [Buy Product](#)
Documentation & Additional Information
Product Drawings:

- None Available

Additional Information:

- [Product Line Information](#)

Catalog Pages/Data Sheets:

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

Related Products:

- [Tooling](#)

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

[List all Documents](#)
Product Features (Please use the Product Drawing for all design activity)
Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Connector - Receptacle
- [Connector Series](#) = Mod II
- [Number of Positions](#) = 16
- [Profile](#) = Standard
- [Mount Angle](#) = Right Angle
- [Mounting Pattern \(mm \[in\]\)](#) = 2.54 x 7.87 [.100 x .310]
- [Sealed](#) = No
- [Holdown 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 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 Termination Type](#) = Through Hole
- [Contact Plating, Mating Area, Material](#) = Tin
- Contact Base 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](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°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 Method = Gang of Tubes

Other:

- Brand = AMP

Corporate Information
[Who We Are](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)
Quick Links
[Check Distributor Inventory](#)
[Cross Reference](#)
[Find Documents & Drawings](#)
[Product Compliance Support Center](#)
[Site Map](#)
Customer Support
[Email or Chat with Us](#)
[Find a Phone Number](#)
[Search Knowledge Base](#)
[Manage Your Account](#)