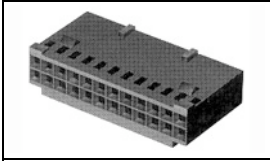


87631-1 Product Details



87631-1

TE Internal Number: 87631-1



[Active](#)



[View 3D PDF](#)

.100 AMPMODU Headers, Housings & Contacts

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

Product Highlights:

- Connector
- Housing
- Connector Style = Receptacle
- Contact Type = Receptacle
- 2.54 mm Centerline

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [CONNECTOR, MOD IV, CRIMP SNAP-IN, WITH DETENT](#) (PDF, English)

Catalog Pages/Data Sheets:

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

Product Specifications:

- [Interconnection System, AMPMODU Mod IV 1/2](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

Product Type Features:

- Product Type = Connector
- Connector Type = Housing
- [Termination Method to Wire/Cable](#) = Crimp
- [Mating Connector Lock](#) = With
- [Strain Relief](#) = Without
- [Connector Series](#) = Mod IV
- [Keyed](#) = No
- Number of Detents = 1
- Stamped = No
- Flame Retardant = Yes
- Housing Configuration = Both Ends Closed
- Mating Connector Lock Type = Detent Latching

Electrical Characteristics:

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

Body Related Features:

- Centerline (mm [in]) = 2.54 [0.100]

Contact Related Features:

- Contact Type = Receptacle

Housing Related Features:

- Connector Style = Receptacle
- [Mating Alignment](#) = With
- [Mating Alignment Type](#) = Latched
- [Housing Color](#) = Black
- Housing Material = Nylon

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL E28476, CSA LR7189

Conditions for Usage:

- Operating Temperature (°C) = -65 - +105

Other:

- Brand = AMP

- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Positions](#) = 6
- [Number of Rows](#) = 2