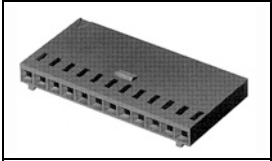


## 102241-8 Product Details



**102241-8**

TE Internal Number: 102241-8



[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:

- [CONN HOUSING, CRIMP SNAP-IN MOD IV, SINGLE ROW, .100 ...](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- [AMP MODU IV & V Section of Catalog 1307819](#) (PDF, English)
- [AMPMODU INTERCONNECTION SYSTEM SECTION5 CONT](#) (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 N1)
- [3D Model](#) (IGES, Version N1)
- [3D Model](#) (STEP, Version N1)

[List all Documents](#)

##### Additional Information:

- [Product Line Information](#)

##### Related Products:

- [Tooling](#)

#### 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
- [Keved](#) = No
- Flame Retardant = Yes
- Housing Configuration = Both Ends Closed
- Mating Connector Lock Type = Detent Latching

##### Mechanical Attachment:

- AMP Logo = With

##### 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

##### 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

**Body Related Features:**

- Centerline (mm [in]) = 2.54 [0.100]
- [Number of Positions](#) = 10
- [Number of Rows](#) = 1