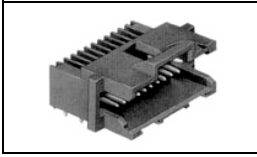# Tyco Electronics

5-104069-6 Product Details

5-104069-6

TE Internal Number: 5-104069-6

✓ Active

📄 View 3D PDF

.050 X .100 AMPMODU System 50 (PCB)

🌿 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:
- Header
- Connector Style = Plug
- 40 Positions
- Number of Rows = Dual
- Shrouded

Documentation & Additional Information

Product Drawings:
- HEADER ASSEMBLY, RIGHT ANGLE, DOUBLE ROW, W/SIDE & E... (PDF, English)

Catalog Pages/Data Sheets:
- AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4 (PDF, English)
- Ribbon Cable Interconnect Solutions (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- AMPMODU System 50 PC Board Thru-Hole Connectors (PDF, English)

Instruction Sheets:
- None Available

CAD Files: (CAD Format & Compression Information)
- 2D Drawing (DXF, Version Z)
- 3D Model (IGES, Version Z)
- 3D Model (STEP, Version Z)

Additional Information:
- Product Line Information

Additional Product Images:
- Product Photo

Related Products:
- Tooling
- Mating Products (5)

List all Documents

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

Product Type Features:
- Connector Type = Header
- Shrouded = Yes
- Mount Angle = Right Angle
- PCB Mount Style = Through Hole
- PCB Mount Retention = With
- Comment = Note 1: Hold down posts located as shown for 16 through 100 position headers.; Note 2: Hold down posts located as shown for 8 through 12 and 60 through 100 position headers.; **Position identification feature omitted on 8, 10 and 12 position headers.

Electrical Characteristics:
- Voltage (VAC) = 30
- Insulation Resistance (MΩ) = 5,000
- Dielectric Withstanding Voltage (V) = 500

Termination Related Features:
- Termination Post Length (mm [in]) = 2.54 [0.100]
- Solder Tail Contact Plating = Tin over Nickel

Body Related Features:
- Number of Positions = 40
- Number of Rows = Dual
- PCB Mount Retention Type = Hold Down Post(s)

Contact Related Features:
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Gold (30)

Housing Related Features:
- Connector Style = Plug
- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0
- Housing Color = Black

Industry Standards:
- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved Standards = UL E28476, CSA LR7189

Conditions for Usage:
- Temperature Range (°C) = -65 – +105

Packaging Related Features:
- Packaging Method = Tube

Other:
- Brand = AMP