

Product Number: 5-146252-6
• 100 inch AMPMODU Headers



5-146252-6

Product Type Features:

Product Type = Header
Number of Positions = 12
Mount Angle = Vertical
PCB Retention Feature = No
Surface Mount Compatible = Yes
Board Standoff = With
Mounting Ears = Without
Mating Connector Lock = Without
Post Size (mm [in]) = 0.64 [.025]

Mechanical Attachment:

Mating Post Length (mm [in]) = 8.08 [0.318]
Panel Attachment = Without

Electrical Characteristics:

Current Rating (Amps.) = 3
Insulation Resistance (M Ω) = 5,000
Dielectric Withstanding Voltage (V) = 750

Termination Related Features:

Termination Post Length (mm [in]) = 3.18 [0.125]
Solder Tail Contact Plating = Tin over Nickel, Matte Tin over Nickel

Body Related Features:

Header Type = Breakaway

Number of Rows = Dual

Centerline, Matrix (mm [in]) = 2.54 x 2.54 [.100 x .100]

Selectively Loaded = No

Mount Type = Printed Circuit Board

Contact Related Features:

Contact Mating Area Plating Material = Gold (15)

Contact Shape = Square

Contact Base Material = Phosphor Bronze

Approved Standards = UL E28476, CSA LR7189

Housing Related Features:

Housing Material = Thermoplastic

Housing Flammability Rating = UL 94V-0

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

Conditions for Usage:

High Temperature Housing = Yes

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

Operation/Application:

High Speed Serial Data Connector = No

Other:

Brand = AMP

