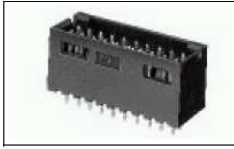


103168 -1 Product Details

[Live Product Chat](#)



103168 -1

TE Part Number: 103168 -1

[Active](#)

[Add to Part List](#)

.100 inch AMPMODU Headers

[5 of 6 EU RoHS/ELV Compliant](#) ([Find RoHS Compliant Alternates / Statement of Compliance](#))

Product Highlights:

- ? Header
- ? Header Type = Shrouded
- ? Number of Rows = Dual
- ? Number of Positions = 6
- ? Mating Post Length = 8.08 mm

[View all Features](#) | [Find Similar Products](#)

Quick Links

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

Documentation & Additional Information

Product Drawings:

- ? [HDR ASSY, MOD II, SHROUDED, 4 SIDES, DBL ROW, VERTIC...](#) (PDF, English)

Catalog Pages/Data Sheets:

- ? None Available

Product Specifications:

- ? None Available

Application Specifications:

- ? None Available

Instruction Sheets:

- ? None Available

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

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

[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](#) = Header
- ? [Number of Positions](#) = 6
- ? [\[Shrouded\] End Dimension \(mm \[in\]\)](#) = 1.68 [0.066]
- ? [Mount Angle](#) = Vertical
- ? [PCB Retention Feature](#) = No
- ? [Surface Mount Compatible](#) = No
- ? [Board Standoff](#) = Without
- ? [Mounting Ears](#) = Without
- ? [Mating Connector Lock](#) = With
- ? [Mating Connector Lock Type](#) = Detent Windows
- ? [Housing Style](#) = 4 -Sided
- ? Post Size (mm [in]) = 0.64 [.025]
- ? Profile = Standard

Mechanical Attachment:

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

Termination Related Features:

- ? [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- ? Solder Tail Contact Plating = Tin over Nickel

Body Related Features:

- ? [Header Type](#) = Shrouded
- ? [Number of Rows](#) = Dual
- ? [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 x 2.54 [.100 x .100]
- ? [Selectively Loaded](#) = No
- ? [Mount Type](#) = PC Board

Contact Related Features:

- ? [Contact Mating Area Plating Material](#) = Gold (30)
- ? Contact Shape = Square
- ? Contact Material = Phosphor Bronze

Housing Related Features:

- ? Housing Material = Thermoplastic
- ? Housing Color = Black
- ? Housing Flammability Rating = UL 94V -0

Industry Standards:

- ? [RoHS/ELV Compliance](#) = ELV compliant, 5 of 6 Compliant
- ? [Lead Free Solder Processes](#) = Wave solder capable to 240°C

Conditions for Usage:

- ? [High Temperature Housing](#) = No
- ? Operating Temperature (°C) = -55 - +105

Operation/Application:

- ? [High Speed Serial Data Connector](#) = No

Other:

- ? Brand = AMP