

5-146250-2 Product Details

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5-146250-2

TE Internal Number: 5-146250-2

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.100 inch AMPMODU Headers

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

Product Highlights:

- Connector
- Header Type = Breakaway
- 4 Positions
- Mating Post Length = 8.08 mm
- Row-to-Row Spacing = 2.54 mm

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, HI...](#) (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 = Connector
- [Mount Angle](#) = Vertical
- [PCB Mount Retention](#) = Without
- [Board Standoff](#) = With
- [Mating Connector Lock](#) = Without
- Post Size (mm [in]) = 0.64 [.025]

Mechanical Attachment:

- [Mounting Ears](#) = Without
- [Panel Mount Retention](#) = Without

Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.18 [0.125]

Dimensions:

- Mating Post Length (mm [in]) = 8.08 [0.318]

Housing Features:

- Housing Material = Thermoplastic - GF
- UL Flammability Rating = UL 94V-0

Configuration Features:

- [Number of Positions](#) = 4
- [Number of Rows](#) = 2
- [Surface Mount Compatible](#) = Yes

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

Body Features: <ul style="list-style-type: none"> Header Type = Breakaway Row-to-Row Spacing (mm [in]) = 2.54 [0.100] Selectively Loaded = No Mount Type = Printed Circuit Board Contact Features: <ul style="list-style-type: none"> Contact Plating, Mating Area, Material = Matte Tin Solder Tail Contact Plating = Tin over Nickel Contact Shape = Square Contact Base Material = Phosphor Bronze 	<p>compliant</p> Conditions for Usage: <ul style="list-style-type: none"> High Temperature Housing = Yes Operation/Application: <ul style="list-style-type: none"> High Speed Serial Data Connector = No Other: <ul style="list-style-type: none"> Brand = AMP
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