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7-146256-0 Product Details

 **Live Product Chat** US Only
8:30am - 5pm ET, Mon - Fri



7-146256-0



[Active](#)

.100 inch AMPMODU Headers



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

Product Highlights:

- Header
- Header Type = Breakaway
- Number of Rows = Dual
- Number of Positions = 40
- Mating Post Length = 5.84 mm

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Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, VE...](#) (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 F)
- [3D Model](#) (IGES, Version F)
- [3D Model](#) (STEP, Version F)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

- [Product Type](#) = Header
- [Number of Positions](#) = 40
- [Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = No
- [Surface Mount Compatible](#) = No
- [Board Standoff](#) = Without
- [Mounting Ears](#) = Without
- [Mating Connector Lock](#) = Without
- Breakaway Header = Yes
- PCB Mount Angle = Vertical
- Post Size (mm [in]) = 0.64 [0.025]
- PCB Thickness (mm [in]) = 1.60 [0.063]

Mechanical Attachment:

- Mating Post Length (mm [in]) = 5.84 [0.230]
- [Panel Attachment](#) = Without

Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 3.05 [0.120]
- Solder Tail Contact Plating = Matte Tin, Matte Tin over Nickel

Body Related Features:

- [Header Type](#) = Breakaway
- [Number of Rows](#) = Dual
- [Centerline, Matrix \(mm \[in\]\)](#) = 2.54 [0.100]
- [Selectively Loaded](#) = No
- [Mount Type](#) = PC Board

Contact Related Features:

- [Contact Mating Area Plating Material](#) = Matte Tin over Nickel
- Contact Shape = Square
- Contact Material = Phosphor Bronze

Housing Related Features:

- Housing Material = Liquid Crystal Polymer (LCP)
- 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
- High Temperature Compatible = Yes

Operation/Application:

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

Other:

- Brand = Tyco Electronics

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