

## 5-103414-3 Product Details



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TE Internal Number: 5-103414-3



Active



View 3D PDF

### .100 inch AMPMODU Headers

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

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- Header Type = Shrouded
- 5 Positions
- Mating Post Length = 6.10 mm

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Mating Products \(1\)](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

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### Documentation & Additional Information

#### Product Drawings:

- [ASSEMBLY, MOD II, HEADER, SINGLE ROW .100 C/L, \(4\) S...](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- [AMPMODU INTERCONNECTION SYSTEM SECTIONS](#) (PDF, English)

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

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

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

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)
- [Mating Products \(1\)](#)

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

#### Product Type Features:

- Product Type = Connector
- Connector Type = Header - Pin
- [Number of Positions](#) = 5
- [Mount Angle](#) = Vertical
- [PCB Retention Feature](#) = No
- [Surface Mount Compatible](#) = No
- [Board Standoff](#) = With
- [Mounting Ears](#) = Without
- [Mating Connector Lock](#) = Without
- [Housing Style](#) = 4-Sided
- Post Size (mm [in]) = 0.64 [.025]
- Profile = Standard

#### Mechanical Attachment:

- Mating Post Length (mm [in]) = 6.10 [0.240]
- [Panel Attachment](#) = Without

#### Electrical Characteristics:

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

#### Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.30 [0.130]
- Solder Tail Contact Plating = Tin over Nickel

#### Body Related Features:

- [Header Type](#) = Shrouded
- Centerline (mm [in]) = 2.54 [0.100]
- Row-to-Row Spacing (mm [in]) = 2.54 [0.100]
- [Number of Rows](#) = 1
- [Selectively Loaded](#) = No
- [Mount Type](#) = Printed Circuit Board

#### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- Contact Shape = Square
- Contact Base Material = Phosphor Bronze
- Approved Standards = UL E28476, CSA LR7189

#### Housing Related Features:

- Housing Material = Thermoplastic - GF
- 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
- RoHS/ELV Compliance History = Always was RoHS compliant

#### Conditions for Usage:

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

#### Operation/Application:

- [High Speed Serial Data Connector](#) = Yes

#### Other:

- Brand = Tyco Electronics