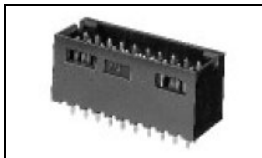




Our commitment. Your advantage.

[Products](#) [Documentation](#) [Resources](#) [My Account](#) [Customer Support](#)

## 103168-3 Product Details



**103168-3**

TE Internal Number: 103168-3

**Active**

[View 3D PDF](#)

### .100 inch AMPMODU Headers

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

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- Header Type = Shrouded
- 10 Positions
- Mating Post Length = 8.08 mm

[View all Features](#)

#### Quick Links

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

[Add to My Part List](#)

[Request Sample](#)

[Find Similar Products](#)

[Buy 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 = Connector
- Connector Type = Header - Pin
- [Number of Positions](#) = 10
- [\[Shrouded\] 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 Post Length \(mm \[in\]\)](#) = 3.18 [0.125]
- Solder Tail Contact Plating = Tin-Lead 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](#) = 2
- [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

#### Housing Related Features:

- [Housing Material](#) = Thermoplastic - GF
- [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