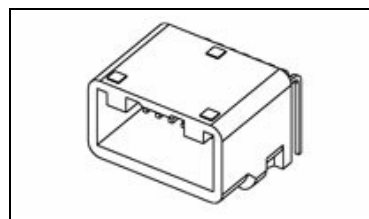




# 1-1318382-3 Product Details



**1-1318382-3**

TE Internal Number: 1-1318382-3

Active

View 3D PDF

## 0.025 Series and Hybrid Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Product Series = 025
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Connector Assembly

[View all Features](#)

### Quick Links

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## Documentation & Additional Information

### Product Drawings:

- [025 SERIES 16POSITION\(PCB H-TYP\) CAP HOUSING ASSY \(PDF, Japanese\)](#)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- [.025 IDC Connectors \(1\) \(PDF, Japanese\)](#)
- [.025 IDC Connectors \(2\) \(PDF, Japanese\)](#)
- [025 SERIES I/O CONNECTORS \(H-Type V-Type 2Row, W... \(1\) \(PDF, Japanese\)](#)
- [025 SERIES I/O CONNECTORS \(H-Type V-Type 2Row, W... \(2\) \(PDF, Japanese\)](#)
- [0.64III SERIES CONNECTOR 2ROW \(1\) \(PDF, Japanese\)](#)
- [0.64III SERIES CONNECTOR 2ROW \(2\) \(PDF, Japanese\)](#)

### Application Specifications:

- [Crimping of 025 Receptacle Contact \(PDF, Japanese\)](#)

### Instruction Sheets:

- [025 SERIES I/O CONNECTORS \(H-Type, V-Type 2Row\) \(1\) \(PDF, Japanese\)](#)
- [025 SERIES I/O CONNECTORS \(H-Type, V-Type 2Row\) \(2\) \(PDF, Japanese\)](#)

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

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

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

[List all Documents](#)

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

### Product Type Features:

- Product Series = 025
- [Product Type](#) = Connector
- Connector Type = Connector Assembly
- [PCB Mounting Orientation](#) = Right Angle
- PCB Mount Retention = With
- PCB Mount Retention Type = Tapping Screw
- Sealed = No
- PCB Mount Alignment = With
- PCB Mount Alignment Type = Mounting Holes

### Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Latching
- Panel Mount Retention = Without

### Electrical Characteristics:

- Operating Voltage Reference = DC
- Operating Voltage (VDC) = 12

### Termination Features:

- Termination Method to Wire/Cable = Solder

### Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 2.20 [0.087]
- [Housing Material](#) = PBT - GF15
- [Housing Color](#) = Black
- Mating Alignment = With
- Mating Alignment Type = Polarization

### Configuration Features:

- [Number of Positions](#) = 16
- Number of Rows = 2
- Strain Relief = Without
- GET 0.64 Connector System = No

### 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

### Environmental:

- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

- Termination Method to PC Board = Through Hole - Solder

**Dimensions:**

- Tab Width (mm [in]) = 0.64 [0.025]
- Tail Length (mm [in]) = 4 [0.157]
- PCB Thickness, Recommended (mm [in]) = 1.20 [0.048], 1.60 [0.063]
- Length (X-Axis) (mm [in]) = 18.40 [0.7244]
- Width (Z-Axis) (mm [in]) = 23.00 [0.9055]
- Profile Height (Y-Axis) (mm [in]) = 15.50 [0.6102]

**Body Features:**

- Mating Retention = With

**Contact Features:**

- Contact Type = Tab
- Multiple Contact Types = Without
- Contact Base Material = Brass
- [Contact Mating Area Plating \(Signal\)](#) = Selective Tin (Bright)
- Contact Plating, Termination Area, Material = Selective Tin
- Contact Plating, Termination Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 2.5 [98.42]
- Underplate Material = Nickel
- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 0.80 – 1.50 [31.496 – 59.055]
- Shunts/Shorting Bars = Without

**Conditions for Usage:**

- [Applies To](#) = Printed Circuit Board
- For Use With = Plug: 1318386 and 1717109

**Operation/Application:**

- Application Use = Wire-to-Board
- Contact Transmits (Typical Application) = Signal (Data)

**Packaging Features:**

- Packaging Method = Tube, Paper Box
- Packaging Quantity = 19

**Other:**

- Brand = AMP

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