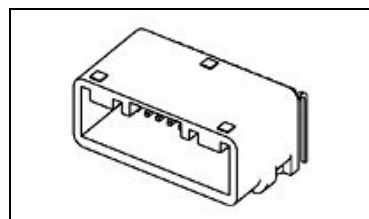




# 1-1318853-3 Product Details



**1-1318853-3**

TE Internal Number: 1-1318853-3

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

- ▶ [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:

- [025 SERIES 24P CAP HSG ASSY \(PDF, Japanese\)](#)
- [025 SERIES 24 POSITION\(PCB H-TYPE\) CAP HOUSING ASSEMBLY \(PDF, Japanese\)](#)

### 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 \(DXF, Version F\)](#)
- [3D Model \(IGES, Version F\)](#)
- [3D Model \(STEP, Version F\)](#)

### 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:

### Housing Features:

- Connector Style = Receptacle
- Centerline (mm [in]) = 2.20 [0.087]
- [Housing Material](#) = SPS - GF17
- [Housing Color](#) = Natural
- Mating Alignment = With
- Mating Alignment Type = Keyed

### Configuration Features:

- [Number of Positions](#) = 24
- 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

### Identification Marking:

- Keying = 1

- Termination Method to Wire/Cable = Solder
- 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]) = 31.80 [1.252]
- 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
- 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

#### Environmental:

- Operating Temperature ( $^{\circ}\text{C}$  [ $^{\circ}\text{F}$ ]) = -30 - +105 [-22 - +221]

#### Conditions for Usage:

- Applies To = Printed Circuit Board
- For Use With = Plug: 1318917

#### Operation/Application:

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

#### Packaging Features:

- Packaging Method = Tube, Paper Box
- Packaging Quantity = 14

#### Other:

- Brand = AMP

#### Corporate Information

[About TE](#)  
[Investors](#)  
[News Room](#)  
[Supplier Portal](#)  
[Careers](#)  
[Terms & Conditions](#)  
[Privacy Policy](#)  
[AODA Accessibility Policy](#)  
[AODA Multi-Year Accessibility Plan](#)

#### Quick Links

[Distributor Inventory](#)  
[Product Cross Reference](#)  
[Documents & Drawings](#)  
[Product Compliance Support Center](#)  
[Site Map](#)

#### Customer Support

[Email or Chat With Us](#)  
[Find a Phone Number](#)  
[Knowledge Base](#)  
[Manage Your Account](#)

#### Keep Me Informed

