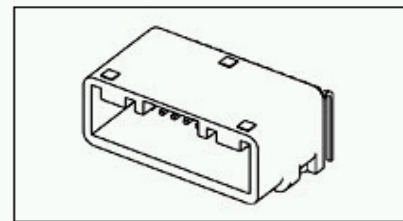




# 1-1318853-3 Product Details

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1-1318853-3

TE Internal Number: 1-1318853-3

Active

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## 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 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
- Tab Width (mm [in]) = 0.64 [0.025]
- Termination Method to Wire/Cable = Solder
- Termination Method to PC Board = Through Hole - Solder
- PCB Mounting Orientation = Right Angle
- PCB Mount Retention = With
- PCB Mount Retention Type = Tapping Screw
- Strain Relief = Without
- 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:

- Tail Length (mm [in]) = 4 [0.157]

### Dimensions:

- 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:

- Underplate Material Thickness (µm [µin]) = 0.80 - 1.50 [31.496 - 59.055]
- 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 (µm [µin]) = 2.5 [98.42]
- Underplate Material = Nickel
- Shunts/Shorting Bars = Without

### 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
- 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

### Environmental:

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

### Conditions for Usage:

- Applies To = Printed Circuit Board
- For Use With = Mate With Plug Hsg (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

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