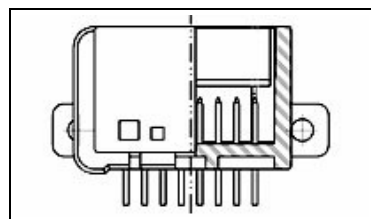




1747285-2 Product Details

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1747285-2

0.025 Series and Hybrid Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Product Series = 0.64
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Connector Assembly

[View all Features](#)

Quick Links

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TE Internal Number: 1747285-2

Active

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Documentation & Additional Information

Product Drawings:

- [0.64III 8P LOW PROFILE CAP HOUSING ASSY \(PDF, Japanese\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [025 Series Connector 1Row \(PDF, English\)](#)
- [025 Series Connector 1Row \(PDF, Japanese\)](#)

Application Specifications:

- [Crimping of 025 Receptacle Contact \(PDF, Japanese\)](#)
- [CRIMPING OF 0.64III RECEPTACLE CONTACT \(PDF, Japanese\)](#)

Instruction Sheets:

- [0.64III/1.0III SERIES CONNECTOR \(PDF, Japanese\)](#)

CAD Files: (CAD Format & Compression Information)

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

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 = 0.64
- [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

Termination Features:

- 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]) = 3.2 [0.126]
- PCB Thickness, Recommended (mm [in]) = 0.50 - 1.20 [0.0197 - 0.047], 1.60 - 2.00 [0.063 - 0.079]
- Length (X-Axis) (mm [in]) = 17.50 [0.6889]

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 = Polarization

Configuration Features:

- [Number of Positions](#) = 8
- Number of Rows = 1
- 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 - +100 [-22 - +212]

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- For Use With = Plug: 1376368 or 1746875

Feedback

- Width (Z-Axis) (mm [in]) = 33.00 [1.2992]
- Profile Height (Y-Axis) (mm [in]) = 10.00 [0.3937]

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

Operation/Application:

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

Packaging Features:

- Packaging Method = Tube, Paper Box
- Packaging Quantity = 13

Other:

- Brand = TE Connectivity
- Comment = Low Profile.

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