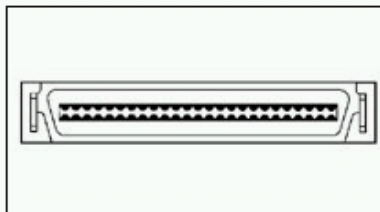


1734101-9 Product Details



1734101-9

TE Internal Number: 1734101-9

Active

[View 3D PDF](#)

1.27 [.050] Series I, HD, FH and J Connectors

[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- Connector
- Applies To Printed Circuit Board
- Connector Style = Receptacle
- 80 Positions
- 1.27 mm Centerline

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE ASSEMBLY, VERTICAL, BOARD-TO-BOARD, CHAMP...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [Connector, CHAMP, 050, Board-To-Board, Vertical and ...](#) (PDF, English)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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

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

[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
- [Profile](#) = Standard
- [PCB Mount Style](#) = Through Hole
- [PCB Mount Retention](#) = With
- [PCB Mounting Orientation](#) = Vertical
- [Type of Connector](#) = Series I
- [PCB Mount Alignment](#) = With
- [PCB Mount Alignment Type](#) = Keying Post
- [Retention Leg Material](#) = Brass
- [Color](#) = Black
- [Used For](#) = Board To Board Applications

Mechanical Attachment:

- [Retention Leg Plating](#) = Tin-Copper over Nickel

Termination Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.30 [0.130]
- [Solder Tail Contact Plating](#) = Tin

Body Features:

- [Number of Positions](#) = 80
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- [PCB Mount Retention Type](#) = Boardlock(s)

Contact Features:

- [Contact Plating, Mating Area, Material](#) = Gold Flash over Palladium Nickel
- [Contact Base Material](#) = Phosphor Bronze

Housing Features:

- [Connector Style](#) = Receptacle
- [Housing Temperature Rating](#) = Standard
- [Housing Material](#) = PPA - GF
- [UL Flammability Rating](#) = UL 94V-0

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant

Conditions for Usage:

- [Applies To](#) = Printed Circuit Board
- [PCB Thickness, Recommended \(mm \[in\]\)](#) = 2.36 [0.093]

Operation/Application:

- [Application](#) = VAFC (VESA Advanced Feature Connector)

Other:

- [Brand](#) = Tyco Electronics

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