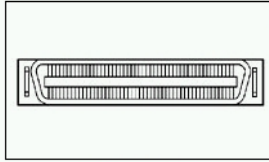


## 1734100-5 Product Details

### Have a Question?

Chat with a Product Information Specialist



1734100-5

TE Internal Number: 1734100-5

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
- Housing Gender = Plug
- 50 Positions
- 1.27 mm Centerline

[View all Features](#)

### Quick Links

- ▶ [Check Pricing & Availability](#)
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### Documentation & Additional Information

#### Product Drawings:

- [PLUG ASSEMBLY, VERTICAL, 13.2mm, BOARD-TO-BOARD, CHA...](#) (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 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 Type](#) = Connector
- [Profile](#) = Standard
- [PCB Mount Style](#) = Through Hole
- [PCB Mount Retention](#) = With
- [PCB Mount Angle](#) = Vertical
- [Type of Connector](#) = Series I
- [PCB Mount Polarization](#) = With
- [PCB Mount Polarization 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 Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 2.54 [0.100]
- [Solder Tail Contact Plating](#) = Tin

#### Body Related Features:

- [Number of Positions](#) = 50
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]
- [PCB Mount Retention Type](#) = Boardlock(s)

#### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (30)
- [Contact Base Material](#) = Phosphor Bronze

#### Housing Related Features:

- [Housing Gender](#) = Plug
- [Housing Temperature Rating](#) = Standard
- [Housing Material](#) = Liquid Crystal Polymer (LCP)
- [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 \[in\]\)](#) = 0.80 - 1.60 [0.031 - 0.063]

#### Operation/Application:

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

#### Other:

- [Brand](#) = Tyco Electronics

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