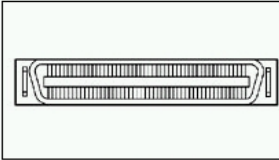


## 1734100-9 Product Details

**Have a Question?**  
 Chat with a Product Information Specialist



[Chat with a Product Information Specialist](#)



1734100-9

TE Internal Number: 1734100-9

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 = Plug
- 80 Positions
- 1.27 mm Centerline

[View all Features](#)

#### Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

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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 = Without
- [PCB Mounting Orientation](#) = Vertical
- [Type of Connector](#) = Series I
- [PCB Mount Alignment](#) = With
- [PCB Mount Alignment Type](#) = Keying Post
- Color = Black
- Used For = Board To Board Applications

#### Termination Related Features:

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

#### Body Related Features:

- [Number of Positions](#) = 80
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]

#### Contact Related Features:

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

#### Housing Related Features:

- Connector Style = 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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