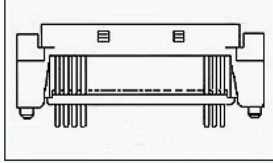


## 5176376-6 Product Details

### Have a Question?

Chat with a Product Information Specialist



5176376-6

TE Internal Number: 5176376-6

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 = Receptacle
- 140 Positions
- 1.27 mm Centerline

[View all Features](#)

#### Quick Links

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

[Add to My Part List](#) | 
 Request Sample | 
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#### Documentation & Additional Information

##### Product Drawings:

- [AMP FH CONNECTOR RECEPTACLE \(VERTICAL\)](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- None Available

##### Product Specifications:

- None Available

##### Application Specifications:

- None Available

##### Instruction Sheets:

- None Available

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

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

##### Additional Information:

- [Product Line Information](#)

##### Additional Product Images:

- [Mating Configurations](#)
- [Mating Configurations](#)

##### Related Products:

- [Tooling](#)

[List all Documents](#)

#### Product Features (Please use the Product Drawing for all design activity)

##### Product Type Features:

- [Product Type](#) = Connector
- [PCB Mount Style](#) = Through Hole
- [PCB Mount Retention](#) = Without
- [PCB Mount Angle](#) = Vertical
- [Type of Connector](#) = Free Height (FH)
- [PCB Mount Polarization](#) = Without
- [Color](#) = Black
- [Used For](#) = Interconnections Requiring Variable Stacking Heights
- [Sealed Bottom](#) = Without
- [Product Series](#) = FH (Free Height)

##### Termination Related Features:

- [Termination Post Length \(mm \[in\]\)](#) = 3.10 [0.122]
- [Solder Tail Contact Plating](#) = Tin

##### Body Related Features:

- [Number of Positions](#) = 140
- [Centerline \(mm \[in\]\)](#) = 1.27 [0.050]

##### Contact Related Features:

- [Contact Plating, Mating Area, Material](#) = Gold (12)
- [Contact Base Material](#) = Phosphor Bronze

##### Housing Related Features:

- [Housing Gender](#) = Receptacle
- [Housing Temperature Rating](#) = Standard
- [Housing Material](#) = Nylon
- [UL Flammability Rating](#) = UL 94V-0

##### Configuration Related Features:

- [Stack Height \(mm \[in\]\)](#) = 16.00 [0.630]

##### 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

##### Operation/Application:

- [Application](#) = Standard

##### Other:

- [Brand](#) = AMP

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