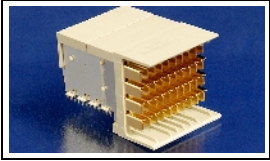


## 1469048-1 Product Details



**1469048-1**

TE Internal Number: 1469048-1

 [Active](#)

 [View 3D PDF](#)

### Z-PACK HM-Zd Connectors, Cable Assemblies and Accessories

 [Always EU RoHS compliant but not ELV](#)

[Compliant](#) ([Find RoHS Compliant Alternates/Statement of Compliance](#))

#### Product Highlights:

- Connector
- Connector Type = Header - Pin
- 25.4 mm Card Slot Pitch
- PCB Mount Angle = Right Angle
- Pairs per Column = 4

[View all Features](#)

#### Documentation & Additional Information

##### Product Drawings:

- [HEADER ASSEMBLY, RIGHT ANGLE, 4 PAIR, HMZd](#) (PDF, English)

##### Catalog Pages/Data Sheets:

- [High Speed Backplane Connectors](#) (PDF, English)

##### Product Specifications:

- None Available

##### 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)

[List all Documents](#)

##### Additional Information:

- [Product Line Information](#)

##### Related Products:

- [Tooling](#)
- [Mating Products \(3\)](#)

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

##### Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Header - Pin
- [PCB Mount Angle](#) = Right Angle
- [Number of Positions](#) = 80
- Shield Material = Phosphor bronze

##### Mechanical Attachment:

- Module Length (mm [in]) = 24.90 [0.980]

##### Termination Related Features:

- [Interface Type](#) = HM-Zd
- Termination Method = Press Fit
- Termination End Plating = Tin-Lead over Nickel

##### Body Related Features:

- Card Slot Pitch (mm [in]) = 25.4 [1]

##### Housing Related Features:

- Housing Material = Polyester GF

##### Configuration Related Features:

- Pairs per Column = 4
- Pairs per Connector = 40
- Sequenced Pins = No

##### Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS/Not ELV Compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- AdvancedTCA Specified Product = No
- RoHS/ELV Compliance History = Always was RoHS not ELV compliant

##### Conditions for Usage:

- [Centerline \(mm \[in\]\)](#) = 2.00 [0.079]

- Columns per Connector = 10
- Centerline (mm [in]) = 2.00 [0.079]
- Selectively Loaded = No

**Contact Related Features:**

- Contact Termination Type = Through Hole
- Contact Type = ACTION PIN Post
- [Feedthrough Post Length \(mm \[in\]\)](#) = 2.20 [0.087]
- Contact Base Material = Copper-Nickel-Silicon

- Terminate To = Printed Circuit Board

**Other:**

- Brand = AMP