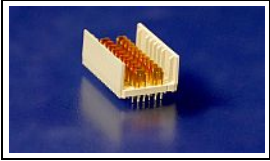


6469025-1 Product Details



6469025-1

TE Internal Number: 6469025-1

 [Active](#)

 [View 3D PDF](#)

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

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

Product Highlights:

- Connector
- Connector Type = Header - Pin
- 20.3 mm Card Slot Pitch
- PCB Mount Angle = Vertical
- Pairs per Column = 2

[View all Features](#)

Documentation & Additional Information

Product Drawings:

- [HEADER ASSEMBLY, 2 PAIR, 2.5mm TAIL, 25mm, HMZd](#) (PDF, English)

Catalog Pages/Data Sheets:

- [High Speed Backplane Connectors catalog - Z-PACK HM-...](#) (PDF, English)

Product Specifications:

- [Two, Three and Four Pair HM-Zd Connectors](#) (PDF, English)

Application Specifications:

- [Z-PACK Hard Metric \(HM\)-Zd 2-, 3-, and 4-Pair Connec...](#) (PDF, English)

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)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Mating Products \(2\)](#)

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

Product Type Features:

- [Product Type](#) = Connector
- Connector Type = Header - Pin
- [PCB Mount Angle](#) = Vertical
- [Number of Positions](#) = 40
- 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 over Nickel

Housing Related Features:

- Housing Material = Polyester GF

Configuration Related Features:

- Pairs per Column = 2
- Pairs per Connector = 20
- Sequenced Pins = No

Industry Standards:

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

Body Related Features:

- Card Slot Pitch (mm [in]) = 20.3 [0.8]
- 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 \[in\]\)](#) = 2.50 [0.098]
- Contact Mating Area Length (mm [in]) = 5.30 [0.209]
- Contact Base Material = Phosphor Bronze

Compliant

Conditions for Usage:

- Terminate To = Printed Circuit Board

Other:

- Brand = AMP