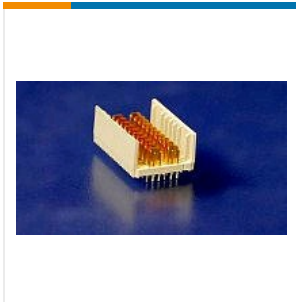




HARD METRIC BACKPLANE CONNECTORS



TE CONNECTIVITY (TE)

HM-ZD 2PR HDR ASSY 1.8MM

Z-PACK | HM-Zd

6469076-1

TE Internal Number: 6469076-1

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) ≤ 12

Number of Columns **10**

Number of Rows **4**

Number of Pairs **20**

Centerline (mm) **2.5**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

HEADER ASSEMBLY, 2 PAIR, 1.8mm TAIL, 25mm, HMZd

PDF
English

CAD Files

Customer View Model

2D_DXF.ZIP
English

3D PDF

PDF
3D

Customer View Model

3D_IGS.ZIP
English

Customer View Model

3D_STP.ZIP
English

Catalog Pages/Data Sheets

High Speed Backplane Connectors Catalog - Z-PACK HM-Zd Connector

PDF
English

Product Specifications

Product Specification

Two, Three And Four Pair HM-Zd Connectors

PDF
English

Application Specification

Z-PACK Hard Metric (HM)-Zd And HM-Zd Plus 2-, 3-, And 4-Pair Connector Systems

PDF
English

Qualification Test Report

Two, Three And Four Pair HM-Zd Connectors

PDF
English

Product Environmental Compliance

TE Material Declaration

MD_6469076-1_12122015144_dmtec

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	PCB Mounting Orientation	Vertical
	Connector Type	Header
	Applies To	Printed Circuit Board
	Shielded	Yes
	Connector Style	Plug
	Make First / Break Last	No

Configuration Features	Number of Columns	10
	Number of Rows	4
	Number of Pairs	20
	Number of Positions	40
	Pairs per Column	2
	Sequenced Pins	No
	Selectively Loaded	No

Signal Characteristics	Data Rate (Gb/s)	≤12
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Body Features	Shield Material	Phosphor Bronze
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Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Plating Thickness (µm)	.76
	Contact Mating Area Length (mm)	5.3
	CompactPCI Designation	None
	Feedthrough Post Length (mm)	1.8
	Contact Base Material	Phosphor Bronze
	Contact Configuration	Compliant Pin
	Grounding Contact	With
	Contact Type	Pin

Termination Features	Termination Method	Press-Fit
	Contact Termination Type	Through Hole
	Termination End Plating Material	Tin over Nickel
	Interface Type	HM-Zd

Mechanical Attachment	Mating Alignment Type	Polarization
Housing Features	Centerline (mm)	2.5
	Housing Color	Gray
	Housing Material	Polyester - GF
Dimensions	Card Slot Centerline (mm)	20.3
	Module Length (mm)	24.9
Industry Standards	UL Flammability Rating	UL 94V-0
	AdvancedTCA Specified Product	No
Packaging Features	Packaging Method	Tube
	Packaging Quantity	20
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>PCB D-SUB CONNECTORS</p>  <p>HD-22 RCPT 26P RA 30 DPLX BDLK 5748481-6</p> <p>Save to List Find Similar Products</p>	<p>HARD METRIC BACKPLANE CONNECTORS</p>  <p>HM-ZD 2PR RECP 40P 6469028-1</p> <p>Save to List Find Similar Products</p>	<p>I/O CONNECTOR CONTACTS</p>  <p>DYNAMIC D-2000 REC CONT M 1318105-1</p> <p>Save to List Find Similar Products</p>	<p>SFP/SFP+/ZSFP+</p>  <p>CAGE ASSY, PRESS FIT, SFP 2227302-1</p> <p>Save to List Find Similar Products</p>
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Products - 2 Results

[View All](#)

[Compare 0/10](#)

Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Hard Metric Connectors
Z-PACK I HM-Zd

HM-ZD 2PR RECP 40P
- 6469028-1

TE INTERNAL NUMBER: 6469028-1

✓ Active

Always EU RoHS/ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **4**

Number of Pairs **20**

Centerline **2.5 mm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Hard Metric Connectors
Z-PACK I HM-Zd

HM-ZD 2PR RECP 40P
- 1469028-1

TE INTERNAL NUMBER: 1469028-1

✓ Active

Not EU RoHS or ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **4**

Number of Pairs **20**

Centerline **2.5 mm**

