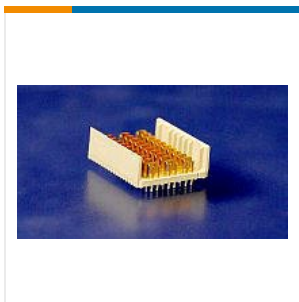




HARD METRIC BACKPLANE CONNECTORS



TE CONNECTIVITY (TE)

HMZD 3PAIR, HDR ASSY, 25MM MOD

Z-PACK | HM-Zd

6469083-1

TE Internal Number: 6469083-1

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) ≤ 12

Number of Columns **10**

Number of Rows **6**

Number of Pairs **30**

Centerline (mm) **2.5**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[HEADER ASSEMBLY, 3 PAIR, 2.5mm 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_6469083-1_01212014739_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	6
	Number of Pairs	30
	Number of Positions	60
	Pairs per Column	3
	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)	2.5
	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>HARD METRIC BACKPLANE CONNECTORS</p>  <p>Z-PACK/A M HDR.154P 5188578-1</p> <p>Save to List Find Similar Products</p>	<p>MULTIPLE CONFIGURATION PCB HEADERS & RECEPTACLES</p>  <p>03 MODII HDR SRST UNSHRD A/PIN 4-102898-0</p> <p>Save to List Find Similar Products</p>	<p>HARD METRIC BACKPLANE CONNECTORS</p>  <p>HMZD 3PR, RECEPTACLE ASSEMBLY 6469081-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>UNV PWR MDL ASY RECEPT 5223955-2</p> <p>Save to List Find Similar Products</p>
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Products - 2 Results

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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

HMZD 3PR, RECEPTACLE ASSEMBLY - 1469081-1

TE INTERNAL NUMBER: 1469081-1

✓ Active

Not EU RoHS or ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **6**

Number of Pairs **30**

Centerline **2.5 mm**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

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PRODUCT - MATING PRODUCTS

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

HMZD 3PR, RECEPTACLE ASSEMBLY - 6469081-1

TE INTERNAL NUMBER: 6469081-1

✓ Active

Always EU RoHS/ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **6**

Number of Pairs **30**

Centerline **2.5 mm**

