+ CONNECTORS

HARD METRIC BACKPLANE CONNECTORS

✔ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

HM-ZD 4PR HDR ASSY 1.8MM

Z-PACK | HM-Zd

6469074-1
TE Internal Number: 6469074-1

Always EU RoHS/ELV Compliant

Data Rate (Gb/s) **≤12**

Number of Columns **10**

Number of Rows **8**

Number of Pairs **40**

Centerline (mm) **2.5**

Product Drawings

HEADER ASSEMBLY, 4 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

The Complete Solution For AdvancedTCA
PDF
English

Solutions For AdvancedTCA, AdvancedTCA 300, MicroTCA, And AdvancedMC Standards Datasheet 3-1773445-8
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_6469074-1_110820132315_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	**8**
	Number of Pairs	**40**
	Number of Positions	**80**
	Pairs per Column	**4**
	Sequenced Pins	**No**
	Selectively Loaded	**No**

Signal Characteristics		
	Data Rate (Gb/s)	**≤12**

Body Features		
	Shield Material	**Phosphor Bronze**

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)	**25.4**
	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

EUROCARD CONNECTORS	BACKPLANE GUIDE HARDWARE	RECTANGULAR POWER CONNECTORS	HARD METRIC BACKPLANE CONNECTORS
ASSY, RECEPTACLE, EUROCARD, TYPE C, LEAD-FRE	GUIDE MODULE VERT MALE SHORT P	2 P ACTION PIN UMNL	HM-ZD 2PR HDR ASSY 1.8MM
5148059-5	1-1469267-1	173924-1	6469076-1
Save to List	Save to List	Save to List	Save to List
Find Similar Products	Find Similar Products	Find Similar Products	Find Similar Products

Products - 3 Results

View All

Compare 0/10

RELATIONSHIP
Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

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

HM-ZD 4PR RECP 80P - 1469001-1
TE INTERNAL NUMBER: 1469001-1

✔ Active

Not EU RoHS or ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **8**

Number of Pairs **40**

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 | HM-Zd

HM-ZD 4PR RECP 80P - 6469001-1
TE INTERNAL NUMBER: 6469001-1

✔ Active

Always EU RoHS/ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **8**

Number of Pairs **40**

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 | HM-Zd

HM-ZD VERT RECPT ASSY 18MM - 1469362-1
TE INTERNAL NUMBER: 1469362-1

✔ Active

Always EU RoHS/ELV Compliant

Data Rate **≤12 Gb/s**

Number of Columns **10**

Number of Rows **8**

Number of Pairs **40**

Centerline **2.5 mm**