

HARD METRIC BACKPLANE CONNECTORS







PRODUCT DRAWING



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

Qualification Test Report Two, Three And Four Pair HM-Zd Connectors

PDF

Enalish

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

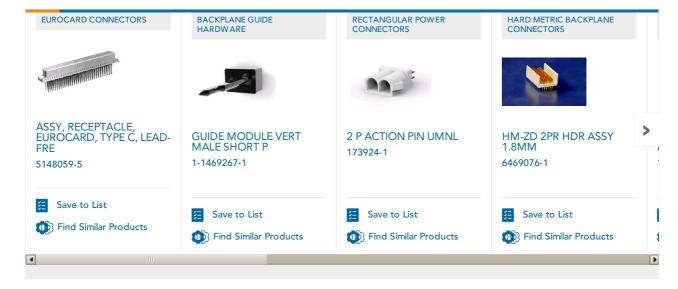
Termination Features	Termination Method Contact Termination Type Termination End Plating Material Interface Type	Press-Fit Through Hole Tin over Nickel HM-Zd
Mechanical Attachment	Mating Alignment Type	Polarization
Housing Features	Centerline (mm) Housing Color Housing Material	2.5 Gray Polyester - GF
Dimensions	Card Slot Centerline (mm) Module Length (mm)	25.4 24.9
Industry Standards	UL Flammability Rating AdvancedTCA Specified Product	UL 94V-0 No
Packaging Features	Packaging Method Packaging Quantity	Tube
Product Compliance	Statement of Compliance	

Product Compliance Statement of Compliance

PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT



Products - 3 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 | 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

✓ Activ

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

