



HARD METRIC BACKPLANE CONNECTORS



TE CONNECTIVITY (TE)

HMZD 3PR, RECEPTACLE ASSEMBLY

Z-PACK | HM-Zd

6469081-1

TE Internal Number: 6469081-1

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

RECEPTACLE ASSEMBLY, 3 PAIR, 25mm, HMZd

PDF
English

CAD Files

3D PDF

PDF
3D

Customer View Model

2D_DXF.ZIP
English

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_6469081-1_11102014730_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	Right Angle
	Shielded	Yes
	Connector Style	Receptacle
	Make First / Break Last	No
	Connector Type	Connector Assembly
	Applies To	Printed Circuit Board

Configuration Features	Number of Columns	10
	Number of Rows	6
	Number of Pairs	30
	Number of Positions	60
	Pairs per Column	3
	Selectively Loaded	No

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

Body Features	Shield Material	Phosphor Bronze
---------------	-----------------	------------------------

Contact Features	Contact Mating Area Plating Material	Gold
	CompactPCI Designation	None
	Feedthrough Post Length (mm)	2.2
	Contact Base Material	Copper-Nickel-Silicon
	Contact Configuration	Compliant Pin
	Grounding Contact	With
	Contact Type	Socket


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


HARD METRIC BACKPLANE CONNECTORS



HMZD 3PR RA HDR 60P ASSY LF
6469183-1

[Save to List](#)
[Find Similar Products](#)


BACKPLANE GUIDE HARDWARE



UPM KEYED GUIDE MODULE
5120913-1


[Save to List](#)
[Find Similar Products](#)

RECTANGULAR POWER CONNECTORS



UPM EXPANDED PIN ASSEMBLY
5646957-1

[Save to List](#)
[Find Similar Products](#)



RP 1J 0.166W 215R 0.1% 25PPM 1K RL
RP73PF1J215RBTF

[Save to List](#)
[Find Similar Products](#)

Products - 4 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

Always EU RoHS/ELV Compliant





Z-PACK I HM-Zd

HMZD 3PAIR, HDR ASSY, 25MM MOD - 6469083-1

TE INTERNAL NUMBER: 6469083-1

✓ Active

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

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

HMZD 3PAIR, HDR ASSY, 25MM MOD - 6469085-1

TE INTERNAL NUMBER: 6469085-1

✓ 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**



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 3PAIR, HDR ASSY, 25MM MOD - 6469083-2

TE INTERNAL NUMBER: 6469083-2

✓ 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**

