HARD METRIC BACKPLANE CONNECTORS

✔ Active

⬇ PRODUCT DRAWING
English

⬇ 3D PDF

TE CONNECTIVITY (TE)

HMZD 2PR RA HDR 40P ASSY LF LA

Z-PACK | HM-Zd

6469354-1
TE Internal Number: 6469354-1

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**

Product Drawings	HEADER ASSEMBLY, RIGHT ANGLE, 2 PAIR, LATCHING, 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_6469354-1_10102014023_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
	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 |

| Body Features | Shield Material | Phosphor Bronze |

Contact Features	Contact Mating Area Plating Material	Gold
	Contact Mating Area Length (mm)	2.2
	CompactPCI Designation	None
	Feedthrough Post Length (mm)	2.5
	Contact Base Material	Phosphor Bronze
	Contact Configuration	ACTION 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	**Package**
	Packaging Quantity	**20**

Other	Comment	**Custom cable assemblies are available.**

Product Compliance	Statement of Compliance PDF
	VIEW ALL PRODUCT COMPLIANCE