



Active

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TE CONNECTIVITY (TE)

RECEPTACLE HM-EZD+, 4PAIRS 10COLUMNS

Z-PACK | HM-eZd+

2170903-1

TE Internal Number: 2170903-1

EU RoHS Compliant

EU ELV Compliant

Number of Positions **80**

Row-to-Row Spacing **4.5 mm [.177 in]**

Contact Current Rating (A) **.5**

Mating Alignment **With**

Mating Alignment Type **Polarization**

[See All Features](#)

North America

DISTRIBUTOR	QUANTITY	DATE AS OF
MOUSER ELECTRONICS (800) 346-8873	180	2016/10/18
DIGIKEY ELECTRONICS 800-344-4539 or 218-881-6674	177	2016/10/18

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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

Row-to-Row Spacing	4.5 mm [.177 in]
Connector System	Board-to-Board
Connector Style	Receptacle
Board-to-Board Configuration	Right Angle
PCB Mounting Orientation	Right Angle
Shrouded	No
Post Type	Press-Fit
Connector Type	Backplane (Receptacle)
Make First / Break Last	No
Signal Type	Differential
Product Type	Shielded Connector
Applies To	Printed Circuit Board
Sealed	No

Configuration Features

Number of Positions	80
Number of Rows	8
Number of Columns	10
Pairs per Column	4
Number of Pairs	40

Electrical Characteristics

Operating Voltage (VDC)	30
Operating Voltage (VAC)	42

Contact Features

Contact Current Rating (A)	.5
Contact Termination Area Plating Thickness (µm)	.5 – 2.5
Contact Mating Area Plating Thickness	.76 µm [30 µin]
Contact Termination Area Plating Material	Tin
Contact Design	Dual Beam
Contact Mating Area Plating Material	Gold
Contact Termination Area Plating Material Finish	Matte
Contact Style	Press-Fit
Contact Base Material	Phosphor Bronze
Contact Type	Socket

Termination Features

Termination Method to PC Board	Through Hole - Press-Fit
Termination Post Length (mm)	1.7
Termination Type	Differential

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization

Housing Features

Centerline	2.5 mm [.1 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Tail Length (mm)	1.7
Card Slot Centerline (mm)	25.4
PCB Hole Diameter (mm)	.46

Usage Conditions

Operating Temperature Range (°C)	-55 – 85
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Operation/Application

For Use With	Header Assembly
Durability Rating (Cycles)	200

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tube/Box
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Customers Also Bought

HARD METRIC BACKPLANE CONNECTORS	HARD METRIC BACKPLANE CONNECTORS	BACKPLANE GUIDE HARDWARE	HARD METRIC BACKPLANE CONNECTORS
HM-ZD 4PR HDR 80P 5.2MM 6469002-1	Z-PACK/A M-HDR.110P 1-106015-1	ATCA GUIDE MODULE RA FEMALE 1-1469373-1	Z-PACK A-B 25 COLUM SHLD ASSY 5646547-1