2329186-1 ✔ ACTIVE

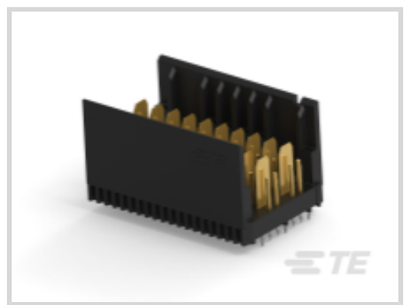
Z-PACK | Z-PACK HM-eZd+

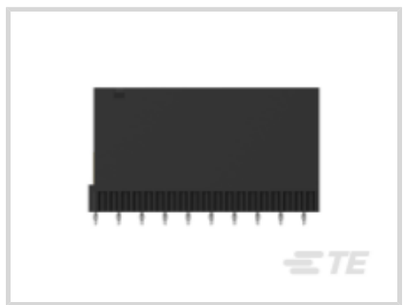
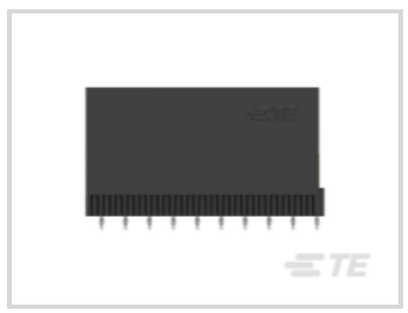
TE Internal #: 2329186-1

40 Position High Speed Backplane Connector, 4 Row, 10 Column, PCB Mount Header, Vertical, Unshrouded, 2.5 mm [.098 in] Centerline, Z-PACK HM-eZd+

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: **40**

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

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Number of Rows: **4**

Features

Product Type Features

Signal Arrangement	Differential
Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Header
Shroud Style	Unshrouded

Configuration Features

Pairs per Column	4
Card Slot Centerline	25.4 mm
Number of Positions	40
Number of Rows	4
Number of Columns	10
PCB Mount Orientation	Vertical
Guide Location	Unguided

Electrical Characteristics

Operating Voltage	30 VDC

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Thickness	.5 – 2.5 µm[20 – 100 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Length	4.3 mm[.169 in]
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.36 µm[30 µin]
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP
Number of Shrouded Sides	0
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

PCB Hole Diameter	.36 mm
Row-to-Row Spacing	4.5 mm[.177 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Durability Rating	200 Cycles
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tube

Product Compliance

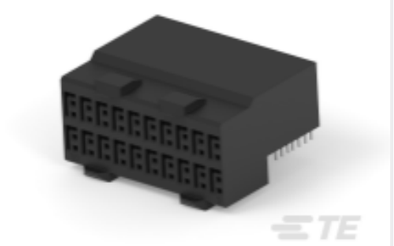
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

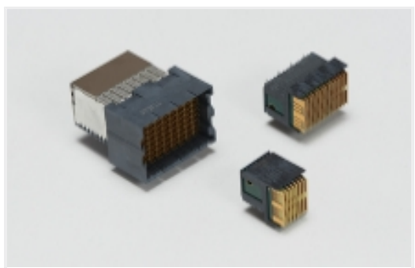
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 2329397-1
RECEPTACLE HM-EZD+, 2PAIRS 10COLUMNS

Also in the Series | Z-PACK HM-eZd+



High Speed Backplane Connectors(4)

Customers Also Bought



TE Part #115518-000
MWTM-85/25-1500/S(S5)



TE Part #3-173983-5
AMP CT MT AMP-IN HDR-H YEL 15P



TE Part #6-1825136-2
A108SYCB04



TE Part #2354531-2
Recpt Assy, 28P, Vert, Sliver 2.0



TE Part #5-5223955-2
TE UPM Ver Rec 3P HC Power Connector



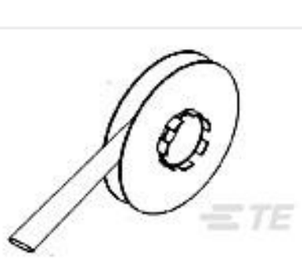
TE Part #5-5223968-1
TE UPM R/A Header 3P HC Power, LMM



TE Part #5223985-1
UPM KEYED GUIDE PIN



TE Part #6469025-1
HM-ZD 2PR HDR 40P 2.5MM



TE Part #969593-000
TTMS-6.4-9

TE Part #2365496-1
74Pos, 25G, STR to STR, 100ohm, L200mm

Documents

Product Drawings

HM-EZD+,2PAIRS,10COLS,VERTICAL,ASSEMBLY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2329186-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2329186-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2329186-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English