

1469081-2 ✓ ACTIVE



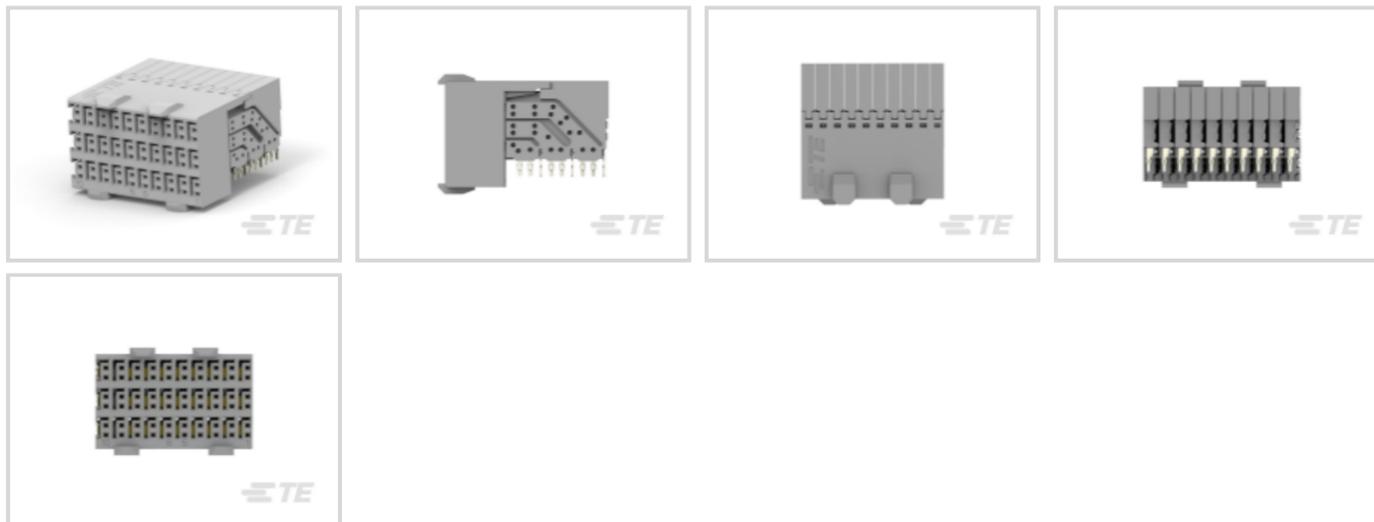
## Z-PACK | Z-PACK HM-Zd

TE Internal #: 1469081-2

60 Position High Speed Backplane Connector, 6 Row, 10 Column,  
PCB Mount Receptacle, Right Angle, Fully Shrouded, Z-PACK HM-  
Zd

[View on TE.com >](#)

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



Number of Positions: 60

Row-to-Row Spacing: 1.5 mm [ .059 in ]

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Number of Rows: 6

### Features

#### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Receptacle
Shroud Style	Fully Shrouded

#### Configuration Features

Number of Pairs	3
Number of Ground Positions	30
Number of Signal Positions	60
Pairs per Column	3
Number of Positions	60
Number of Rows	6
Number of Columns	10
PCB Mount Orientation	Right Angle
Guide Location	Unguided



### Electrical Characteristics

Operating Voltage	250 VAC
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### Signal Characteristics

Data Rate	10 Gb/s
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### Body Features

Shield Material	Phosphor Bronze
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Primary Product Color	Gray
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### Contact Features

Contact Mating Area Plating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
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Contact Layout	Matrix
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Contact Mating Area Plating Material	Gold (Au)
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Contact Base Material	Copper Nickel Silicon
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Contact Type	Receptacle
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Contact Current Rating (Max)	.7 A
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### Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	2.2 mm[.086 in]
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### Mechanical Attachment

Mating Alignment	With
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Mating Alignment Type	Polarization
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Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	Polyester GF
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Centerline (Pitch)	2.5 mm[.098 in]
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### Dimensions

Connector Width	23.43 mm[.922 in]
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Connector Height	14.85 mm[.584 in]
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Connector Length	24.95 mm[.988 in]
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Row-to-Row Spacing	1.5 mm[.059 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Tube
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (13% in 4690948374) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 # 1673952-1  
REMOVAL TL,CHICLET,HMZD,3 PR

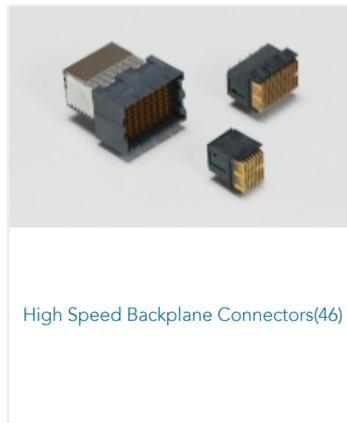


TE Part # 1583224-1  
TOOL,REMOVAL,HMZD RECEPT. HOUS

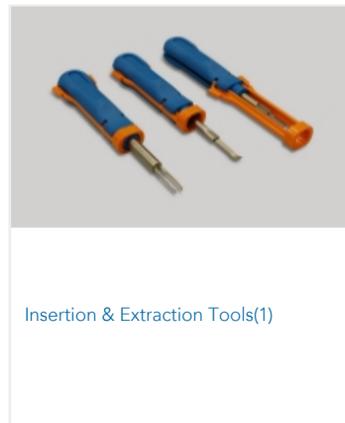
Also in the Series | **Z-PACK HM-Zd**



Hard Metric Backplane Connectors(1)



High Speed Backplane Connectors(46)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #7-338069-6  
MICRO-MATCH SMD FTE



TE Part #726388-2  
187 FASTON TAB TPBR



TE Part #1-1623789-5  
SQM7 47R 5% (WIRE)



TE Part #1623793-1  
SQP5 10K 5% MTL FLM



TE Part #5-1734857-5  
PCI EXP STRADDLE 36P BLK 30u"



TE Part #3-1879216-2  
CPF0402 150K 0.1% 25PPM 1K RL



TE Part #2301842-1  
AMPL REC HD20, VERT, 37P, B/L, 4-40 S /LOC



TE Part #5100147-1  
Z-PACK/A RAF 110P



TE Part #5188232-1  
2MMHM PIN HDR MOD C 55 POS



TE Part #5787617-1  
RECP ASSY, R/A, STACKED, THRU-HOLE, USB,



## Documents

### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1469081-2\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1469081-2\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1469081-2\\_G.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English

### Agency Approvals

#### UL Report

English