

6469083-3

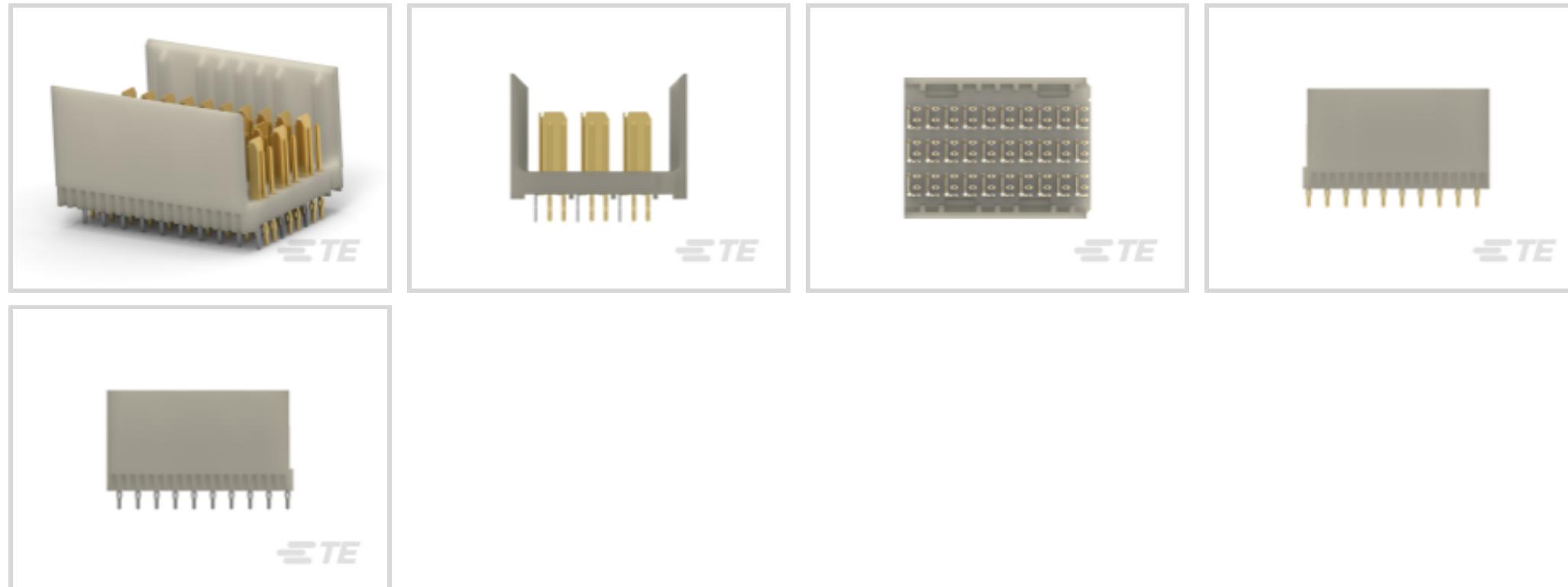
✓ ACTIVE

Z-PACK | Z-PACK HM-Zd

TE Internal #: 6469083-3

60 Position High Speed Backplane Connector, 6 Row, 10 Column,
PCB Mount Header, Vertical, Partially 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: **Guide Lugs**Number of Rows: **6**

Features

Signal Characteristics

Data Rate	≤12 Gb/s
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Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

UL Flammability Rating	UL 94V-0
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	2.5 mm [.098 in]
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Body Features

Shield Material	Phosphor Bronze
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Primary Product Color	Gray
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Packaging Features

Packaging Method	Tube
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Contact Features

Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
Contact Layout	Matrix
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Current Rating (Max)	.7 A

Housing Features

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

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header
Shroud Style	Partially Shrouded

Dimensions

Connector Width	18.93 mm[.745 in]
Connector Height	13.4 mm[.527 in]
Connector Length	24.95 mm[.988 in]
Row-to-Row Spacing	1.5 mm[.059 in]

Configuration Features

Number of Pairs	30
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	Vertical
Guide Location	Unguided

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Guide Lugs

Connector Mounting Type

Board Mount

Usage Conditions

Operating Temperature Range

-65 – 105 °C [-85 – 221 °F]

Operation/Application

Circuit Application

Signal

Other

EU RoHS Compliance

Compliant

EU ELV Compliance

Compliant

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 2024
(241)Candidate List Declared Against: JUNE
2024 (241)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

Not applicable for solder process capability

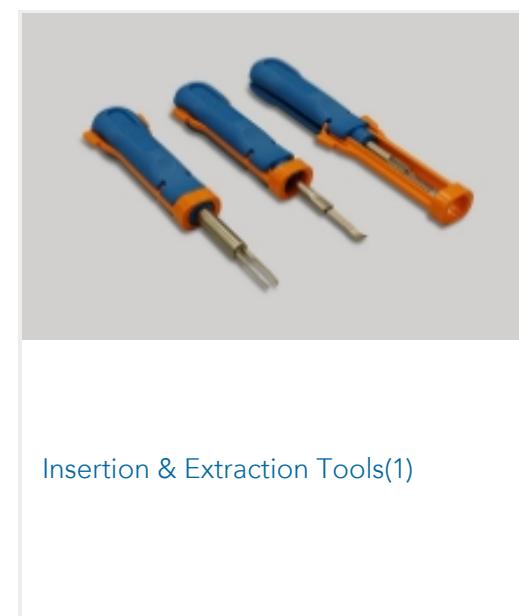
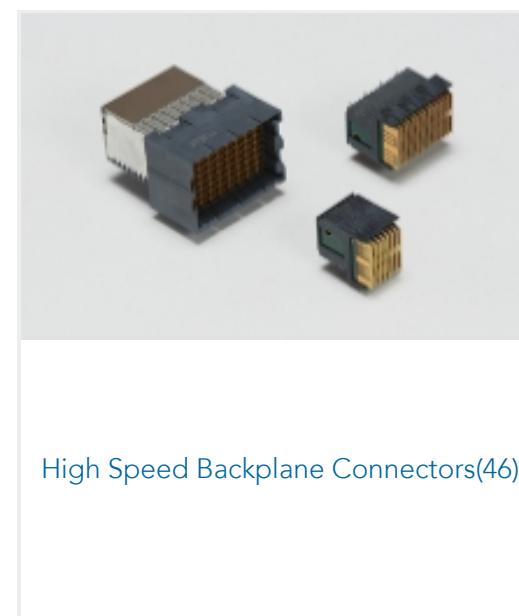
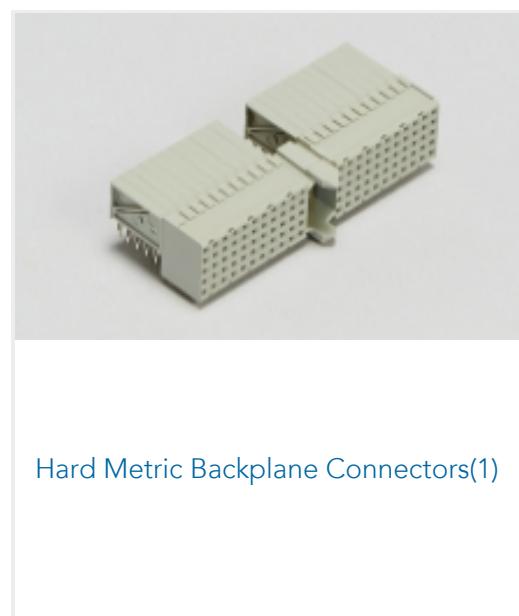
Product Compliance Disclaimer

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



Also in the Series | Z-PACK HM-Zd



Customers Also Bought



Documents

Product Drawings

[HMZD 3PAIR, HDR ASSY, 25MM MOD](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_6469083-3_B.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6469083-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6469083-3_B.3d_stp.zip](#)

English

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