

1857989-1 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

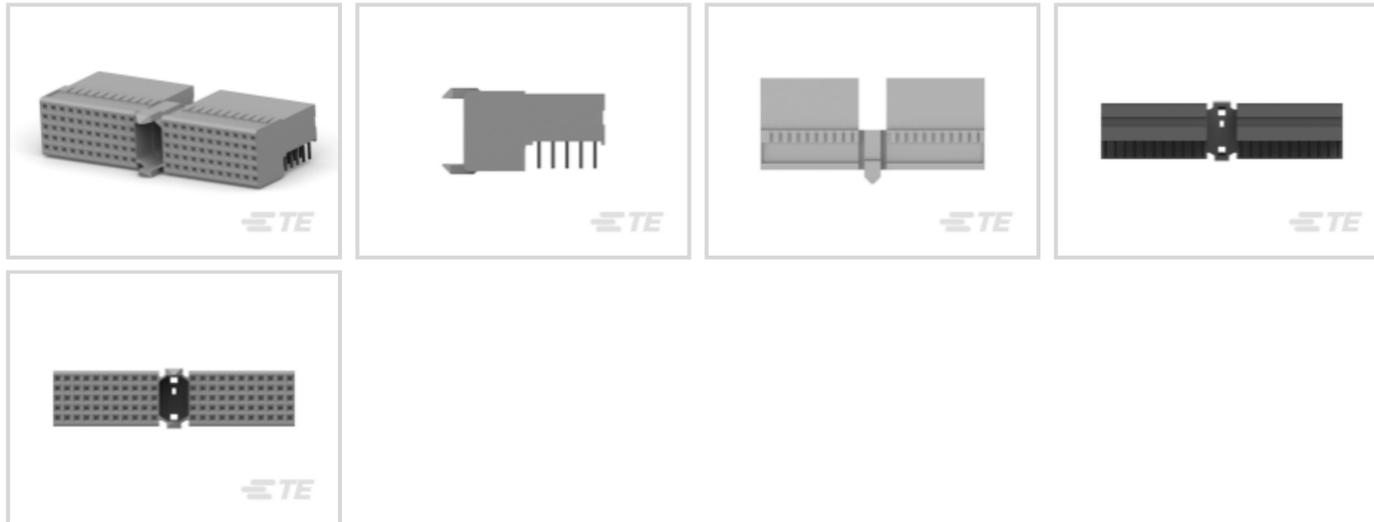
TE Internal #: 1857989-1

Hard Metric Backplane PCB Mount Receptacle, 1 Gb/s, 22 Column,  
5 Row, Traditional Backplane, 110 Position, 2 mm [.079 in]  
Centerline, Z-PACK 2mm HM

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > Hard Metric Backplane Connectors



PCB Connector Type: **PCB Mount Receptacle**

Data Rate: **1 Gb/s**

Number of Columns: **22**

Number of Rows: **5**

Backplane Architecture: **Traditional Backplane**

## Features

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Receptacle
Sealable	No

### Configuration Features

Number of Columns	22
Number of Rows	5
Backplane Architecture	Traditional Backplane
Number of Positions	110
PCB Mount Orientation	Right Angle

### Signal Characteristics

Data Rate	1 Gb/s
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### Body Features

Primary Product Color	Gray
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### Contact Features

Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
CompactPCI Designation	None
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Current Rating (Max)	1.5 A

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	2 mm[.079 in]

### Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °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 Quantity	11
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	有害物质含量符合标准要求 No 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) Does not contain REACH SVHC



Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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**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 # 5100143-1  
2MM H.M. TYPE "A" PIN ASSY.

TE Part # 5-520424-3  
8 SDL RND PLUG ASSY 50 SERIES

TE Part # 5338108-2  
Z-PACK SHLD.LOWER A

## Also in the Series | Z-PACK 2mm HM

Board-to-Board Headers & Receptacles(46)

Connector Contacts(1)

Connector Hardware(91)

Hard Metric Backplane Connectors (264)

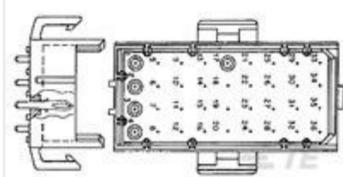
Power Contacts(1)

Rectangular Power Connectors(46)

## Customers Also Bought



TE Part #5-104362-5  
06 MTE HDR SRST LATCH W/HLDWN



TE Part #2-640506-2  
36P MR HDR ASSY VO LF



TE Part #861252-1  
RECEPTACLE



TE Part #862547-6  
LEAD, SGL END ASSY, LGH



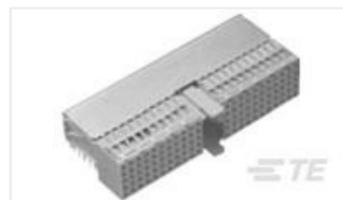
TE Part #2-1445088-8  
MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1676353-2  
RN 0805 49K9 0.1% 10PPM 1KRL



TE Part #3-5332070-5  
SOCKET,MIN-SPR W/KO SN-AU S-4



TE Part #5352068-9  
Z-PACK/A RAF 110P



TE Part #5747844-3  
09 MSFL RCPT RA 318 (IN,FM,BL)



TE Part #6651488-2  
CONN,PIN,TOP DRAWER

## Documents

### Product Drawings

[Z-PACK/A F-HDR.110P EON](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1857989-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1857989-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1857989-1\\_A.3d\\_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English