

352115-1 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

TE Internal #: 352115-1

Hard Metric Backplane PCB Mount Receptacle, ≤ 1 Gb/s, 11

Column, 5 Row, Mezzanine, 55 Position, 2 mm [.078 in] Centerline,

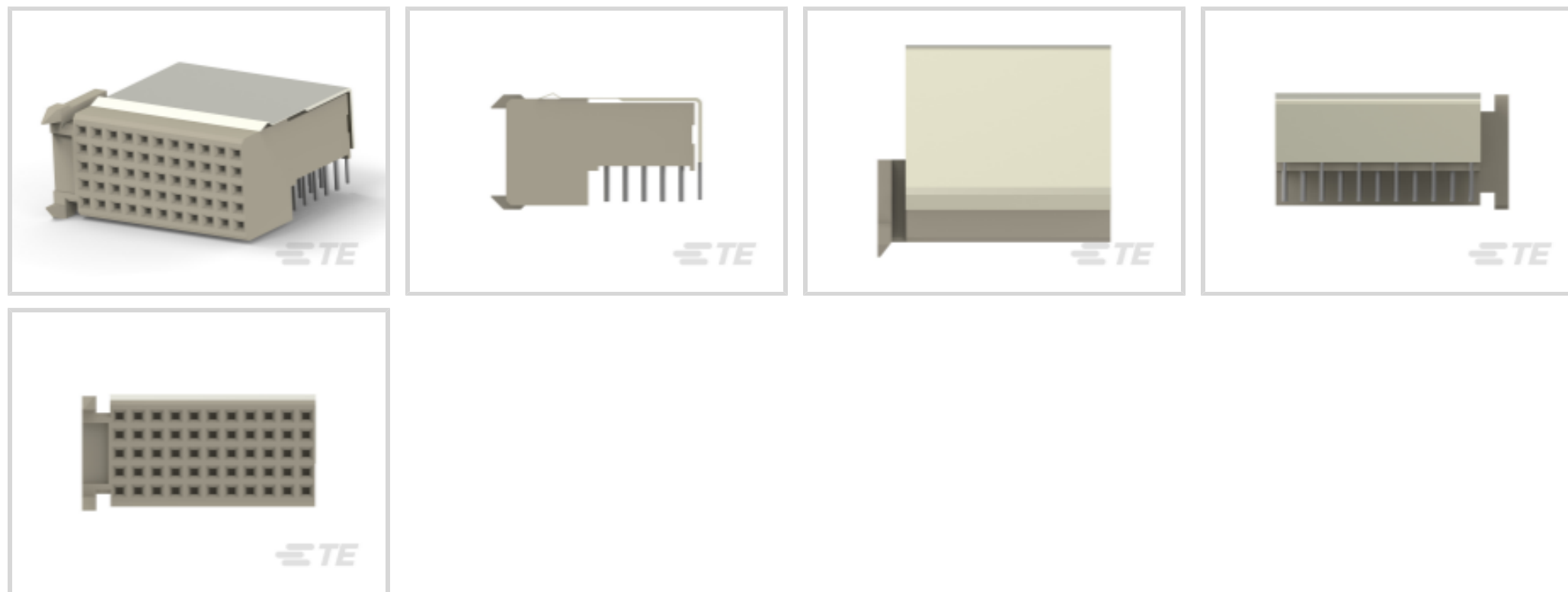
Right Angle, Z-PACK 2mm HM

[View on TE.com >](#)



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

HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm



PCB Connector Assembly Type: **PCB Mount Receptacle**

Data Rate: ≤ 1 Gb/s

Number of Columns: **11**

Number of Rows: **5**

Backplane Architecture: **Mezzanine**

[All HM Receptacle Connector: Traditional Backplane, Coplanar, 2mm \(48\)](#)

Features

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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Mechanical Attachment

Connector Mounting Type	Board Mount
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Mating Alignment Type	Multi-Purpose Center
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Dimensions

Backplane Module Length	25 mm
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Operation/Application

Shielded	Yes
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Circuit Application	Power & Signal
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Length	3.3 mm
Contact Base Material	Phosphor Bronze
CompactPCI Designation	None
PCB Contact Termination Area Plating Material	Tin-Lead
Feedthrough Post Length	3.7 mm
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Current Rating (Max)	1.5 A

Packaging Features

Packaging Quantity	22
Packaging Method	Tube

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2 mm[.078 in]

Configuration Features

Rows Loaded	B, C, D, E, A
Number of Columns	11
Number of Rows	5
Backplane Architecture	Mezzanine
Number of Positions	55
PCB Mount Orientation	Right Angle

Signal Characteristics

Crosstalk Version	Standard
Data Rate	≤1 Gb/s

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Ground Feature Type	Ground Return Shielding
Backplane Interface Type	2mm HM
Connector System	Board-to-Board



PCB Connector Assembly Type	PCB Mount Receptacle
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Sealable	No
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Body Features

Primary Product Color	Gray
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Other

EU RoHS Compliance	Not Compliant
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EU ELV Compliance	Compliant with Exemptions
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part)</p> <p>Article Safe Usage Statements: 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.</p>
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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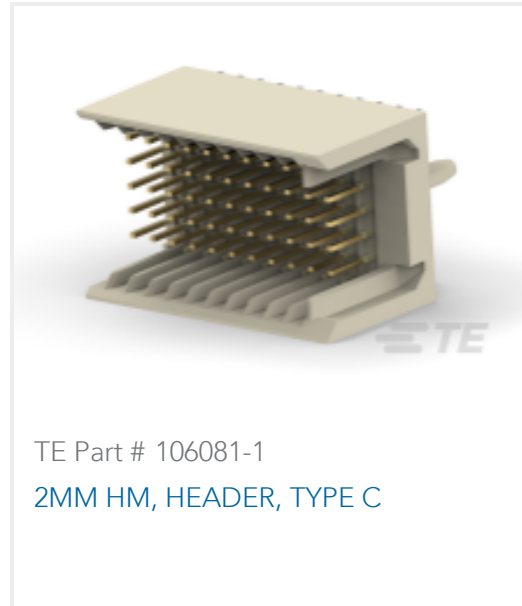
Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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>

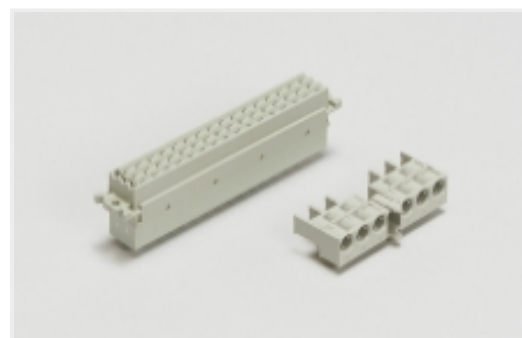


Compatible Parts

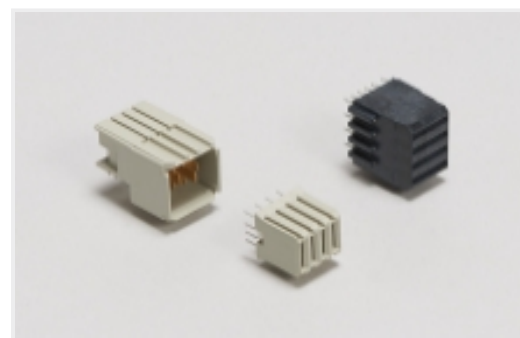


TE Part # 106081-1
2MM HM, HEADER, TYPE C

Also in the Series | Z-PACK 2mm HM



Backplane Connector Housings(4)



Backplane Power Connectors(1)



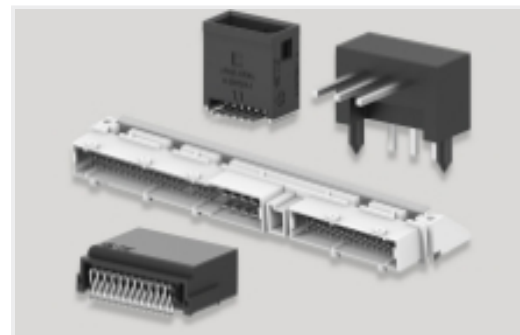
Connector Caps & Covers(62)



Connector Contacts(2)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(46)



Power Contacts(2)

Customers Also Bought



TE Part #2267078-7
TMS3T5B2M7RE



TE Part #2267078-4
TMS1T5B2M7RE



TE Part #6-2176397-7
3502 560R 1%



TE Part #6-1676966-5
SMW2 47R 5%



Documents

Product Drawings

Z-PACK/C F-HDR 55P

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_352115-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_352115-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_352115-1_E.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

Instruction Sheets

INSERTION TOOL FOR Z-PACK 2mm HM CONN.

Japanese

Instruction Sheet (non U.S.)

Japanese

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Mezzanine, 55 Position, 2 mm [.078 in] Centerline, Right Angle, Z-PACK 2mm HM

