

2170864-1 ✓ ACTIVE

Z-PACK | Z-PACK 2mm HM

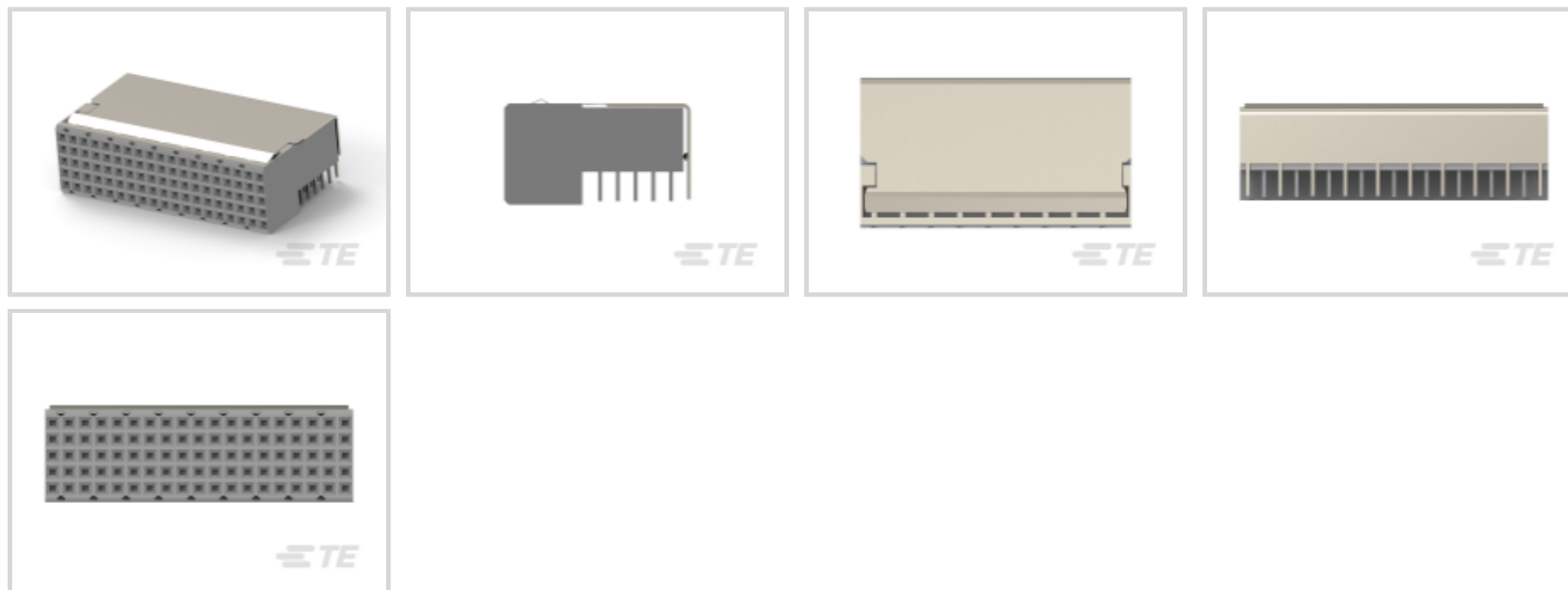
TE Internal #: 2170864-1

Z-PACK 2mm HM, High Speed Backplane Connectors, Board-to-Board, 95 Position, Row-to-Row Spacing 2 mm [.078 in], 5 Row, 19 Column, PCB Mount Receptacle

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > High Speed Connectors



Connector System: **Board-to-Board**

Number of Positions: **95**

Row-to-Row Spacing: **2 mm [.078 in]**

Mating Alignment: **Without**

Number of Rows: **5**

Features

Product Type Features

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

Configuration Features

Number of Positions	95
Number of Rows	5
Number of Columns	19
PCB Mount Orientation	Right Angle

Signal Characteristics

Data Rate	2 Gb/s
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Contact Features

Contact Type	Receptacle
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Contact Current Rating (Max)	1.5 A
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Mechanical Attachment

Mating Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Number of Shrouded Sides	0
Centerline (Pitch)	2 mm [.079 in]

Dimensions

Row-to-Row Spacing	2 mm [.078 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C [-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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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	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling

based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

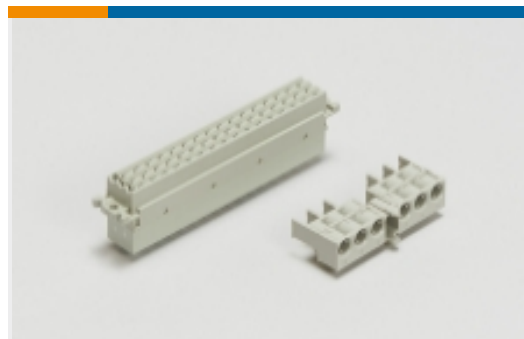
Compatible Parts



Also in the Series | Z-PACK 2mm HM



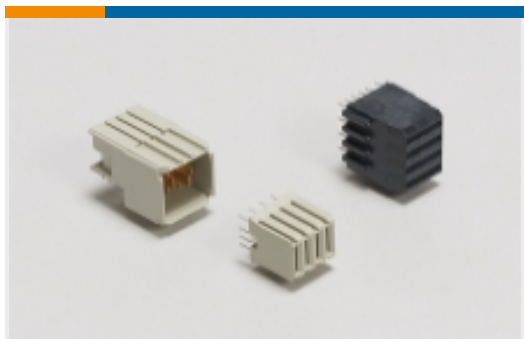
Backplane Coding Keys(60)



Backplane Connector Housings(2)



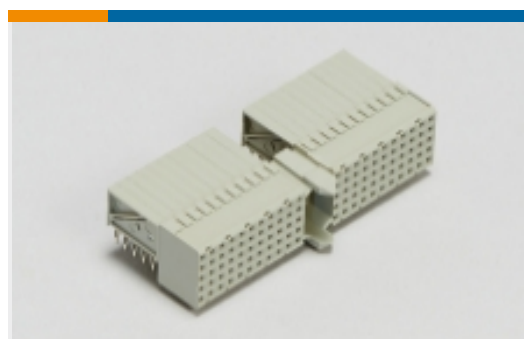
Backplane Guide Hardware(37)



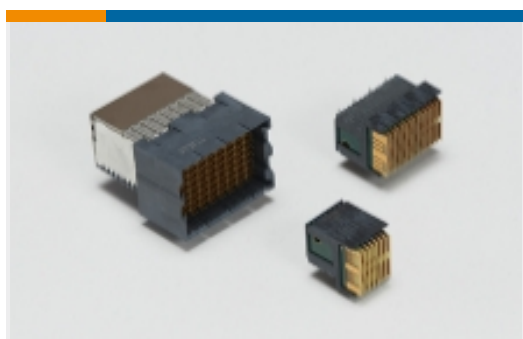
Backplane Power Connectors(7)



Board-to-Board Connector Contacts(5)



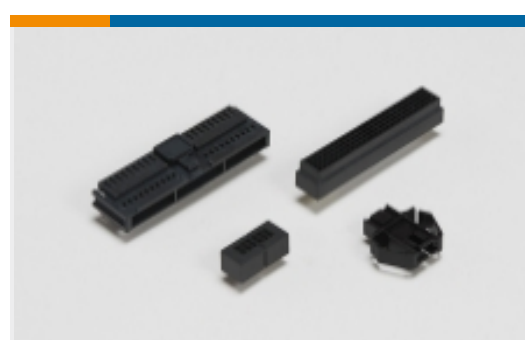
Hard Metric Backplane Connectors (259)



High Speed Backplane Connectors(15)



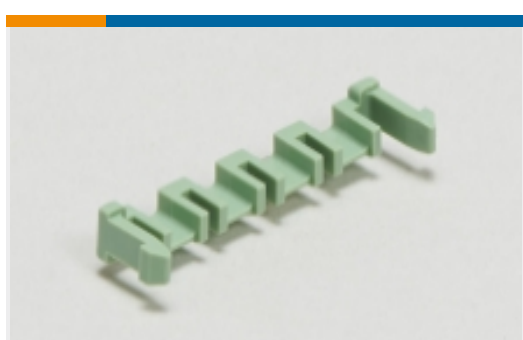
PCB Connector Covers(4)



PCB Connector Shrouds(42)



PCB Ferrules & Shields(19)

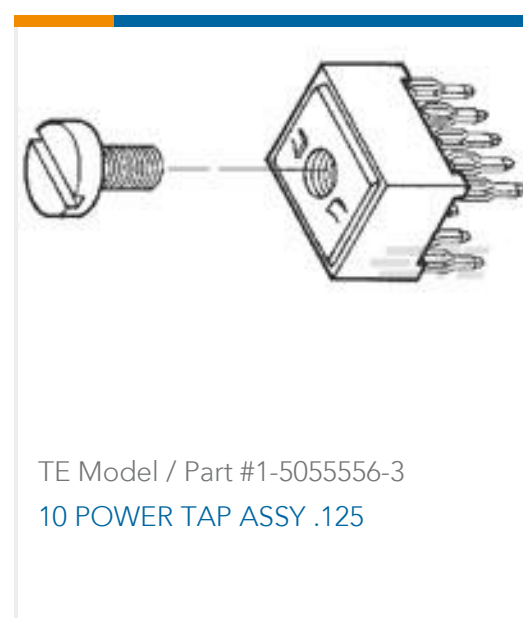


PCB Latches, Locks & Retainers(1)



Rectangular Power Connectors(87)

Customers Also Bought



Documents

Product Drawings

Z-PACK/B F-HDR. 95P, EON

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2170864-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170864-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2170864-1_A.3d_stp.zip](#)

English

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Product Specifications

2170864-1

Z-PACK 2mm HM, High Speed Backplane Connectors, Board-to-Board, 95 Position,
Row-to-Row Spacing 2 mm [.078 in], 5 Row, 19 Column, PCB Mount Receptacle



Product Specification

English