



Z-PACK | Z-PACK 2mm HM

TE Internal #: 3-100143-0

PCB Mount Header, 1 Gb/s, 22 Column, 5 Row, Traditional

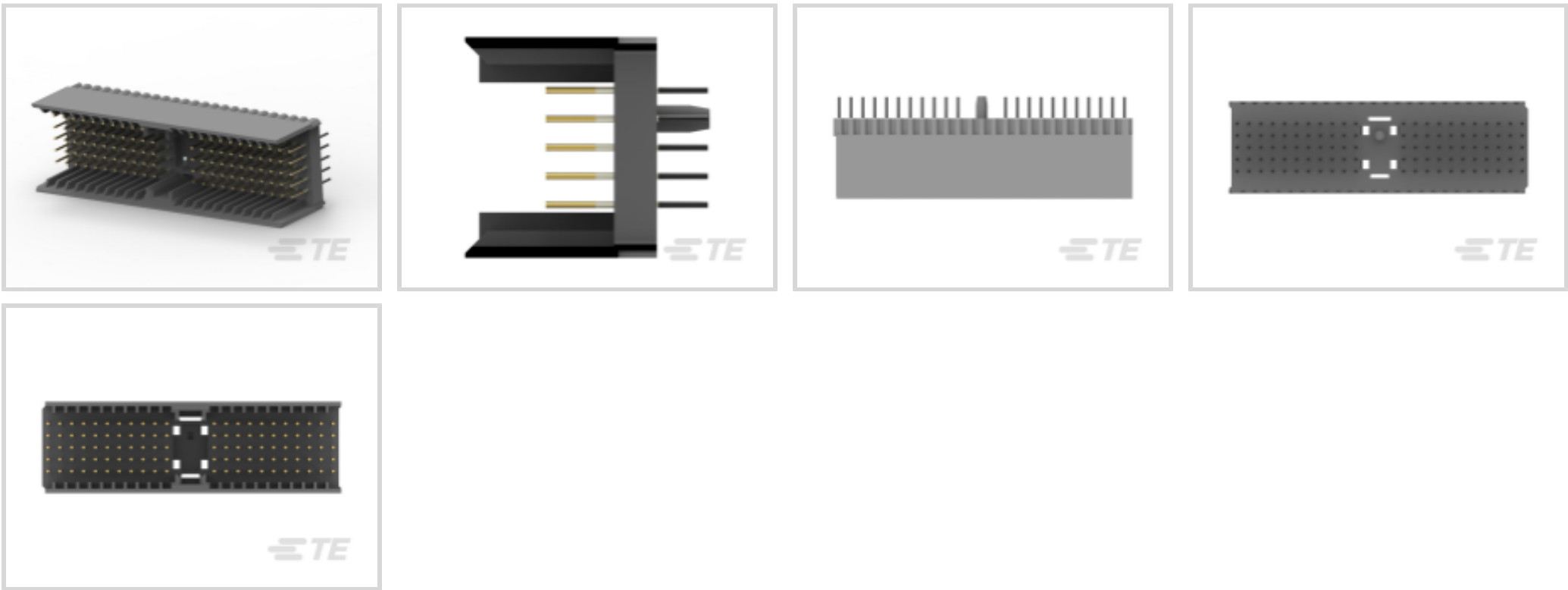
Backplane, 110 Position, Z-PACK 2mm HM, Hard Metric Backplane

Connectors

[View on TE.com >](#)

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

Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm



EU RoHS Compliance: **Not Compliant**

EU ELV Compliance: **Compliant with Exemptions**

PCB Connector Assembly Type: **PCB Mount Header**

Data Rate: **1 Gb/s**

Number of Columns: **22**

[All Hard Metric Male Connector: Traditional Backplane, Mezzanine, 2mm \(124\)](#)

Features

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Product Type Features

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

Configuration Features

Number of Columns	22
Number of Rows	5
Backplane Architecture	Traditional Backplane
Number of Positions	110



PCB Mount Orientation	Vertical
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Signal Characteristics

Data Rate	1 Gb/s
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Body Features

Primary Product Color	Gray
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Contact Features

CompactPCI Designation	None
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2 mm[.07 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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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	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) SVHC > Threshold: Pb (13% in Component Part) 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.

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>

Also in the Series | Z-PACK 2mm HM

Backplane Connector Housings(4)

Backplane Power Connectors(1)

Connector Caps & Covers(62)

Connector Contacts(2)

Connector Hardware(91)

Hard Metric Backplane Connectors (267)

High Speed Backplane Connectors(1)

Insertion & Extraction Tools(2)

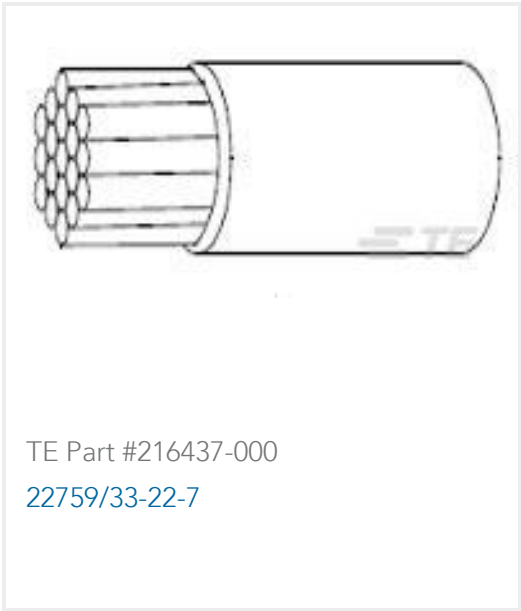
PCB Headers & Receptacles(46)



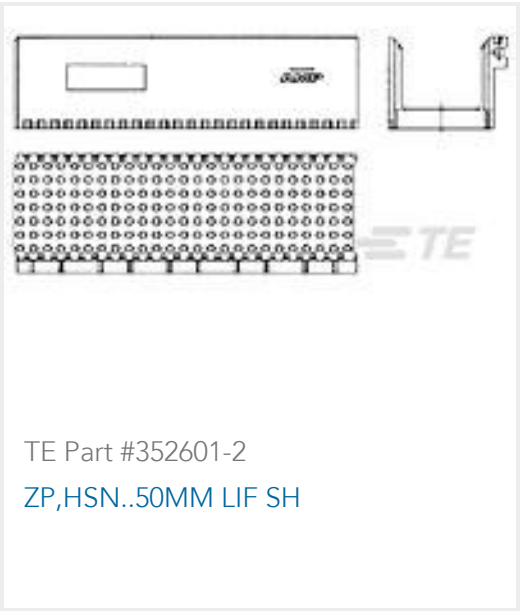
Customers Also Bought



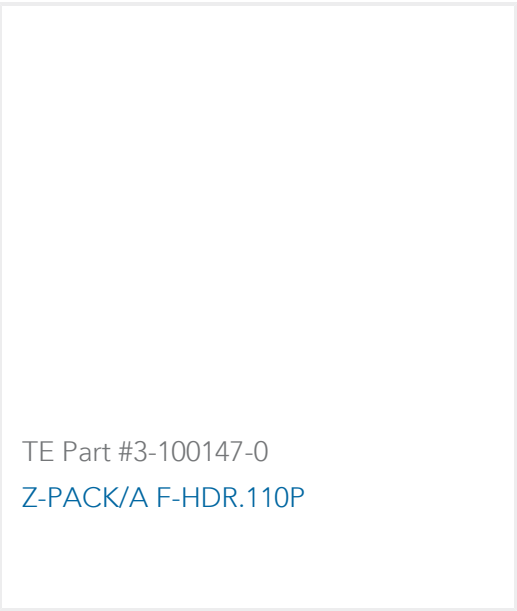
TE Part #3-100141-0
Z-PACK/B MALE HDR 125P, 2MM HM



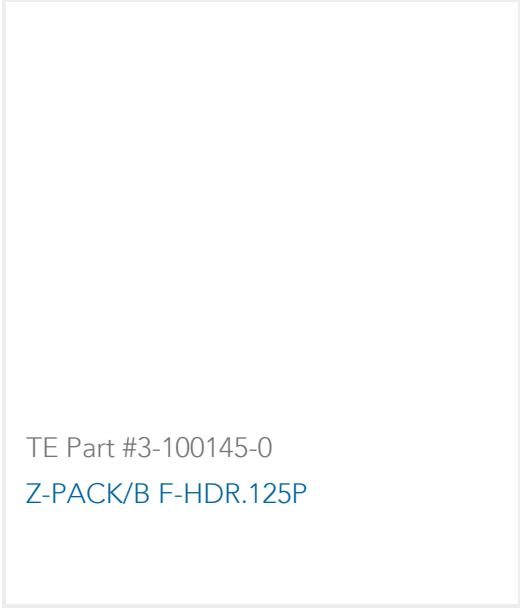
TE Part #216437-000
22759/33-22-7



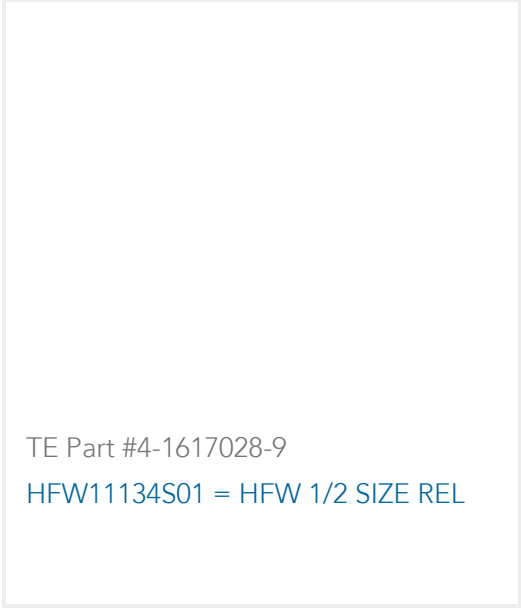
TE Part #352601-2
ZP,HSN..50MM LIF SH



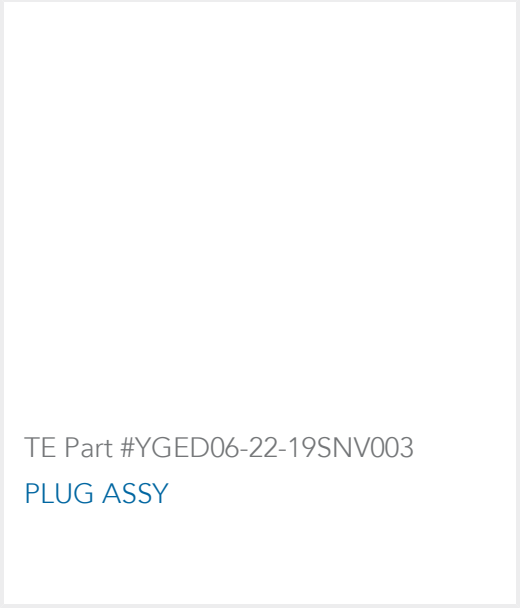
TE Part #3-100147-0
Z-PACK/A F-HDR.110P



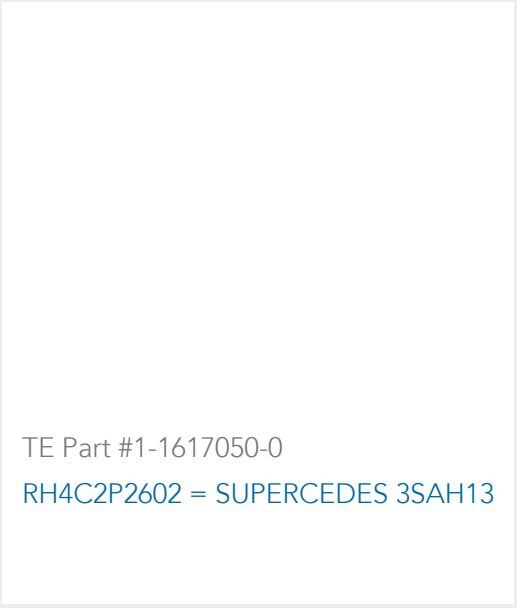
TE Part #3-100145-0
Z-PACK/B F-HDR.125P



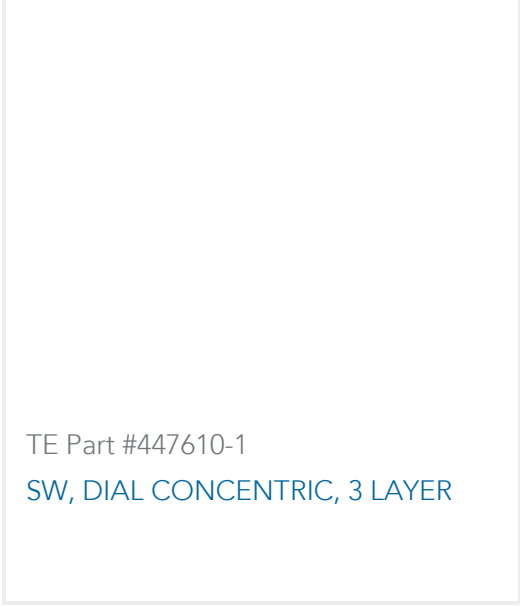
TE Part #4-1617028-9
HFW11134S01 = HFW 1/2 SIZE REL



TE Part #YGED06-22-19SNV003
PLUG ASSY



TE Part #1-1617050-0
RH4C2P2602 = SUPERCEDES 3SAH13



TE Part #447610-1
SW, DIAL CONCENTRIC, 3 LAYER

Documents

Product Drawings
PACK/A MALE HDR 110P, 2MM HM
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_3-100143-0_K.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_3-100143-0_K.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_3-100143-0_K.3d_stp.zip
English

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Product Specifications

Product Specification

English