2187307-1 ✔ ACTIVE

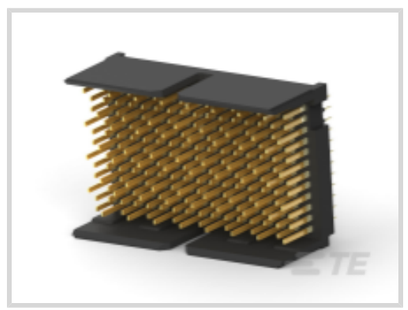
Z-PACK | Z-PACK TinMan

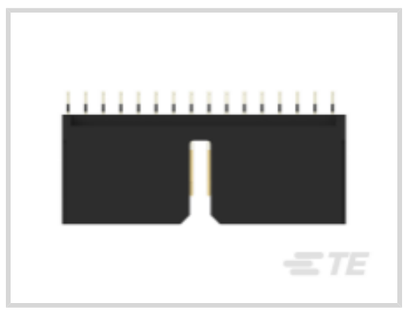
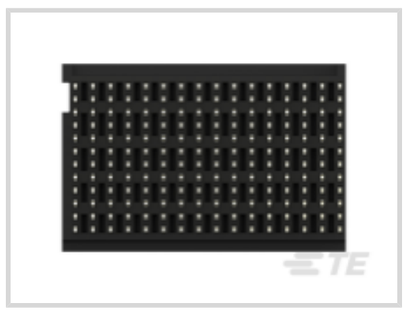
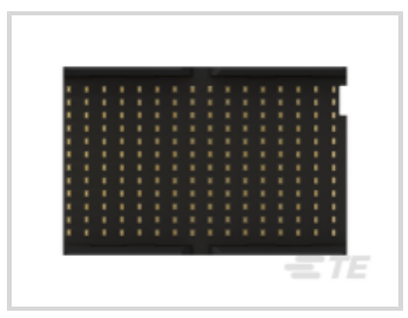
TE Internal #: 2187307-1

192 Position High Speed Backplane Connector, 4 Row, 16 Column, PCB Mount Header, Vertical, Fully Shrouded, 1.9 mm [.075 in] Centerline, Z-PACK TinMan

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > High Speed Backplane Connectors



Number of Positions: **192**

Row-to-Row Spacing: **1.4 mm [.055 in]**

Mating Alignment: **With**

Mating Alignment Type: **Guide Slot**

Number of Rows: **4**

Features

Product Type Features

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

Configuration Features

Backplane Architecture	Traditional Backplane
Number of Positions	192
Number of Rows	4
Number of Columns	16
PCB Mount Orientation	Vertical
Guide Location	Center

Contact Features

Contact Current Rating (Max)	.5 A

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Guide Slot
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.9 mm[.075 in]

Dimensions

Row-to-Row Spacing	1.4 mm[.055 in]

Usage Conditions

Operating Temperature Range	-65 – 90 °C[-85 – 194 °F]

Operation/Application

Circuit Application	High Speed Data

Product Compliance

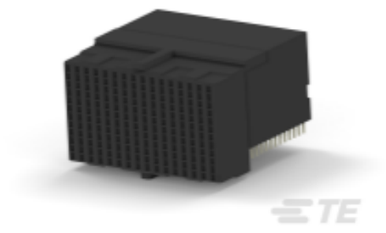
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

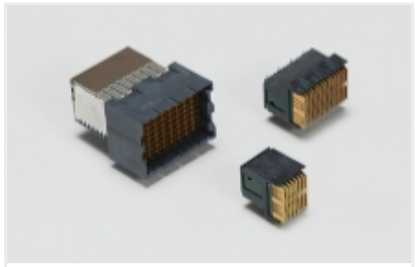
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 2187308-1
Tin Man Recept Assy 4 Pair 16 Column

Also in the Series | Z-PACK TinMan

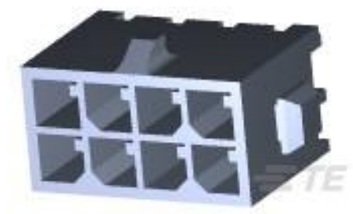


High Speed Backplane Connectors(67)

Customers Also Bought



TE Part #499712-1
KEYING PLUG,NOVO RCPT



TE Part #3-794632-8
08P MICRO MNL ASSY,VRT,HDR,LF



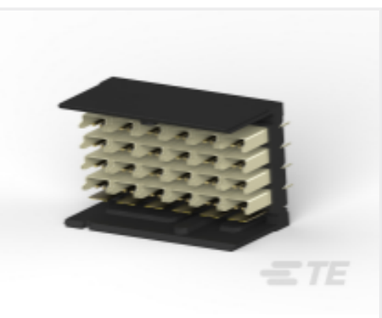
TE Part #5-794632-0
20P MICRO MNL ASSY,VRT,HDR,LF



TE Part #2-1462037-3
IM06GR=IM Relay 140mW 12V



TE Part #2132529-3
IMP100S,H,V3P6C,LG,REW39,5.5



TE Part #2187510-1
SW PIR HDR BP, 100OHM, 4X6 OEW

TE Part #1-2324171-0
CAGE ASSEMBLY, QSFP-DD 1X1, SPRING

TE Part #2445953-1
SWA PIR REC. ASSY 8x9



TE Part #3-5353652-6
.5FHP08H,440,B,GIG,08/Sn,HT,NSYes



TE Part #6450542-8
MBXL VERT RCPT 7P+40S

Documents

Product Drawings

TinMan Header Assy 4x16 Open

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2187307-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2187307-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2187307-1_A.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