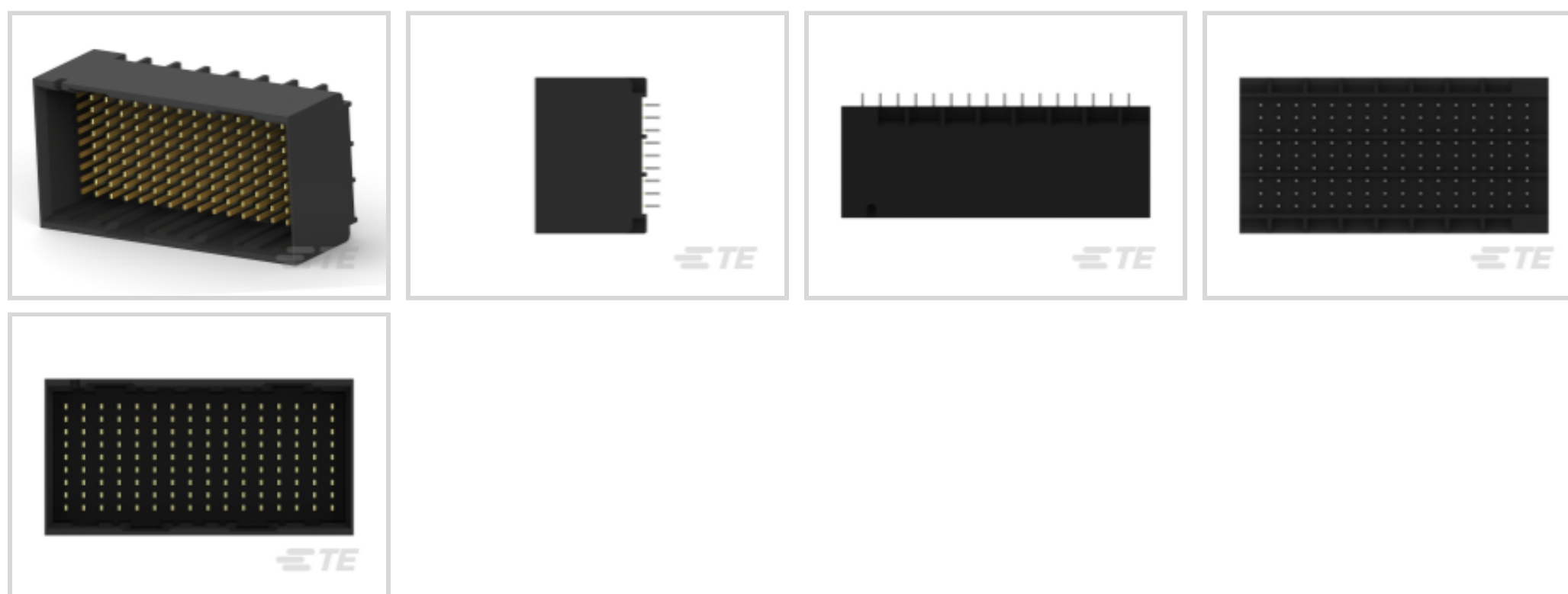




TE Internal #: 2007806-1
 High Speed Backplane Connectors, 144 Position, Mating Alignment, Polarization Mating Alignment Type, 9 Row, 16 Column, PCB Mount Header, Vertical

[View on TE.com >](#)

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



Connector System: **Board-to-Board**
 Number of Positions: **144**
 Row-to-Row Spacing: **1.35 mm [.053 in]**
 Mating Alignment: **With**
 Mating Alignment Type: **Polarization**

Features

Product Type Features

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

Configuration Features

Number of Positions	144
Number of Rows	9
Number of Columns	16
PCB Mount Orientation	Vertical
Guide Location	Unguided

Contact Features

Contact Type	Pin
Contact Current Rating (Max)	.75 A

Mechanical Attachment



Mating Alignment	With
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

Housing Features

Number of Shrouded Sides	4
Centerline (Pitch)	1.9 mm[.075 in]

Dimensions

Row-to-Row Spacing	1.35 mm[.053 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °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	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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2007711-1
IMP100S,R,RA3P16C,UG,39

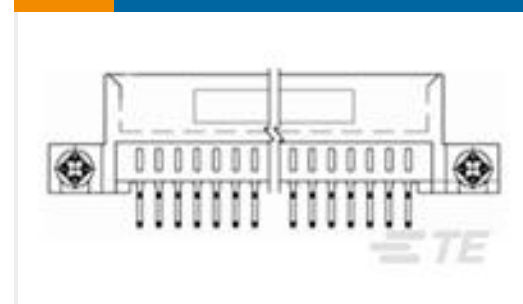


TE Part # 2018378-1
TOOL, SEAT 3 PR 16 COL, BP CONN

Customers Also Bought



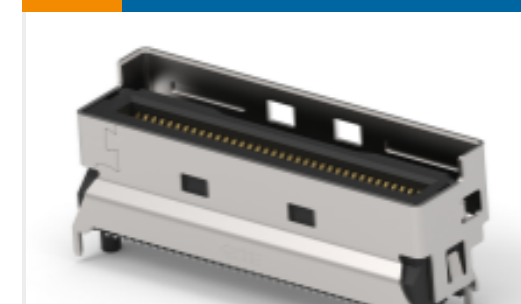
TE Part #1892787-6
Assy Vert MINIPAK HDL Rcpt 25s



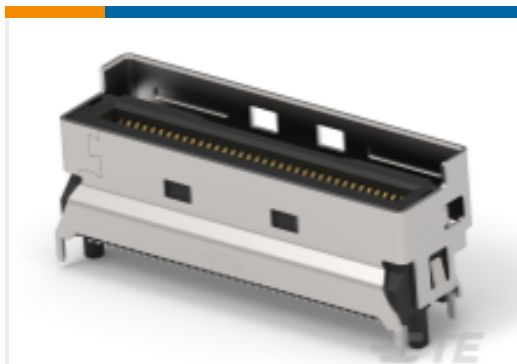
TE Part #5145089-1
CONN SEC II 12 POS 100 C/L R/A



TE Part #2149730-1
SFP+ 1x4 Cage, Heatsinks and Lightpipes



TE Part #1-2379397-5
MCIO INTERGRATED CONN, V/T,8X, SMT TYPE



TE Part #2359366-5
MCIO INTERGRATED CONN, V/T,8X, SMT TYPE



TE Part #2312486-2
PCI EXP 2.3L 36 POS BLK 15u"



TE Part #2373760-2
SAS/PCIE (U.2/U.3) RECEPTACLE, 68POS



TE Part #3-6450861-0
V/R, ASSY, PF,12S+2HDP+12LP



TE Part #2356580-2
SOCKET P4 TFLM KIT W/ COVER

Documents

Product Drawings

IMP100S,H,V3P16C,UG,DEW39,4.5

English

CAD Files

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_2007806-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2007806-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2007806-1_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[7-1773458-1_IMPACT_BACKPLANE_CONNECTOR_SYSTEM_CATALOG](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

English