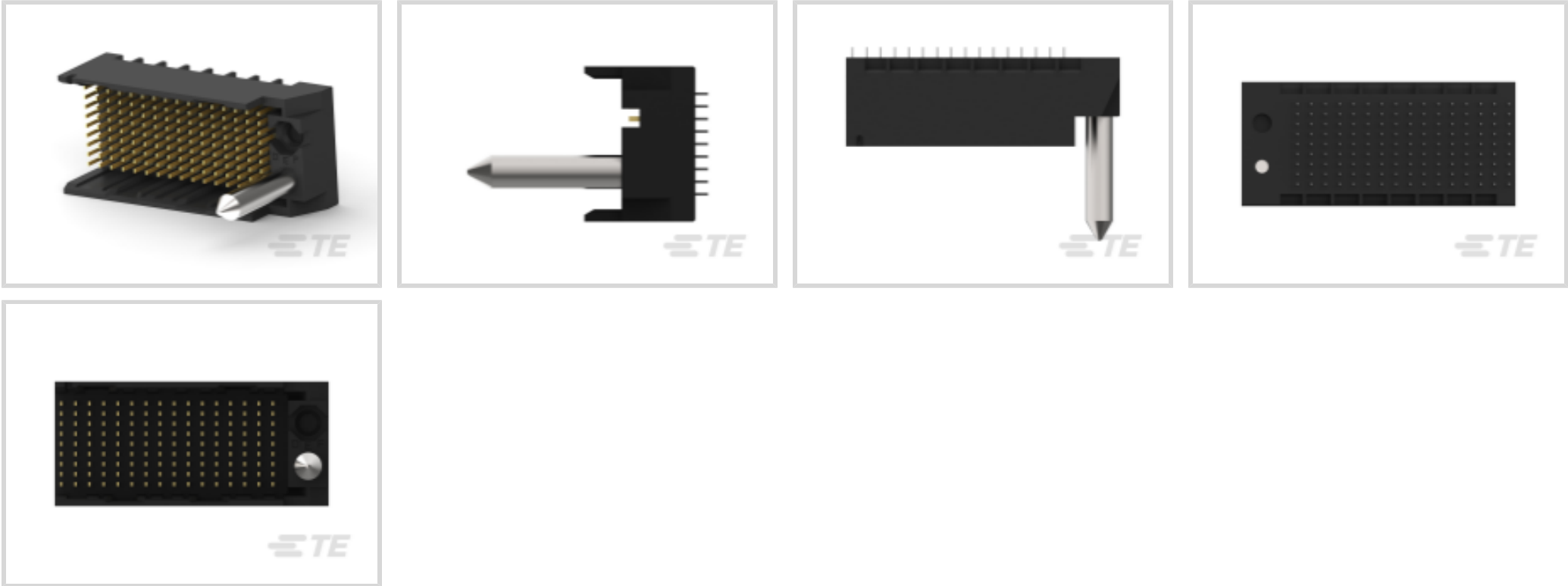




Connectors > PCB Connectors > Backplane Connectors > High Speed Connectors



Connector System: Board-to-Board

Number of Positions: 144

Row-to-Row Spacing: 1.35 mm [.053 in]

Mating Alignment: With

Mating Alignment Type: Keyed

Features

Product Type Features

Connector System	Board-to-Board
PCB Connector Assembly Type	PCB Mount Header
Shroud Style	Partially Shrouded
Sealable	No
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	Right

Contact Features

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



Mechanical Attachment

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

Housing Features

Number of Shrouded Sides	2
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: JAN 2021 (211) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
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 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



TE Part # 2007710-1
IMP100S,R,RA3P16C,RG,39

Customers Also Bought



TE Part #2007705-1
IMP100S,R,RA3P10C,UG,39



TE Part #2007711-1
IMP100S,R,RA3P16C,UG,39



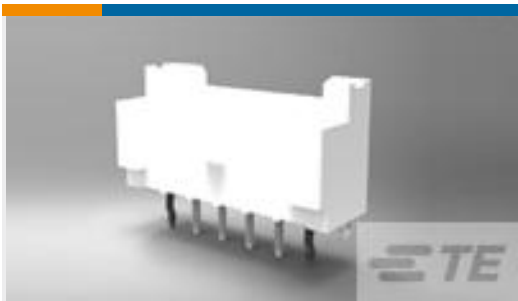
TE Part #2007709-1
IMP100S,R,RA3P16C,LG,39



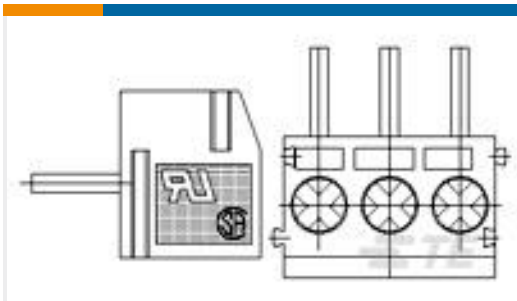
TE Part #2007710-1
IMP100S,R,RA3P16C,RG,39



TE Part #2007788-1
IMP100S,H,V3P10C,UG,OEW39,4.5



TE Part #1-1744418-6
16 POS EP 2.5 HDR, GLOW WIRE



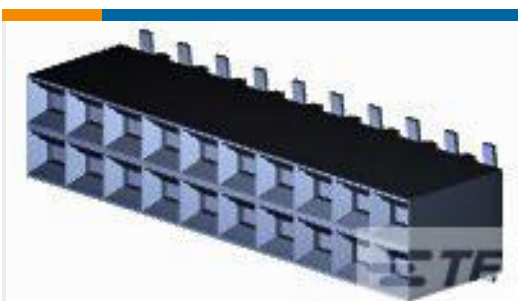
TE Part #1776253-8
R/A Top Wire Entry, 3.5mm, HT,



TE Part #1969591-5
HSG,REC,PANEL MOUNT,GWT,
SINGLE ROW,EP2.5



TE Part #1969591-9
HSG,REC,PANEL MOUNT,GWT,
SINGLE ROW,EP2.5



TE Part #6-147105-0
20 MODIV VRT DR SFMNT 30AU

Documents

Product Drawings
IMP100S,H,V3P16C,RG,OEW39,4.5



English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2007797-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2007797-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2007797-1_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

Agency Approvals

Agency Approval Document

English