

2132499-1 ✓ ACTIVE

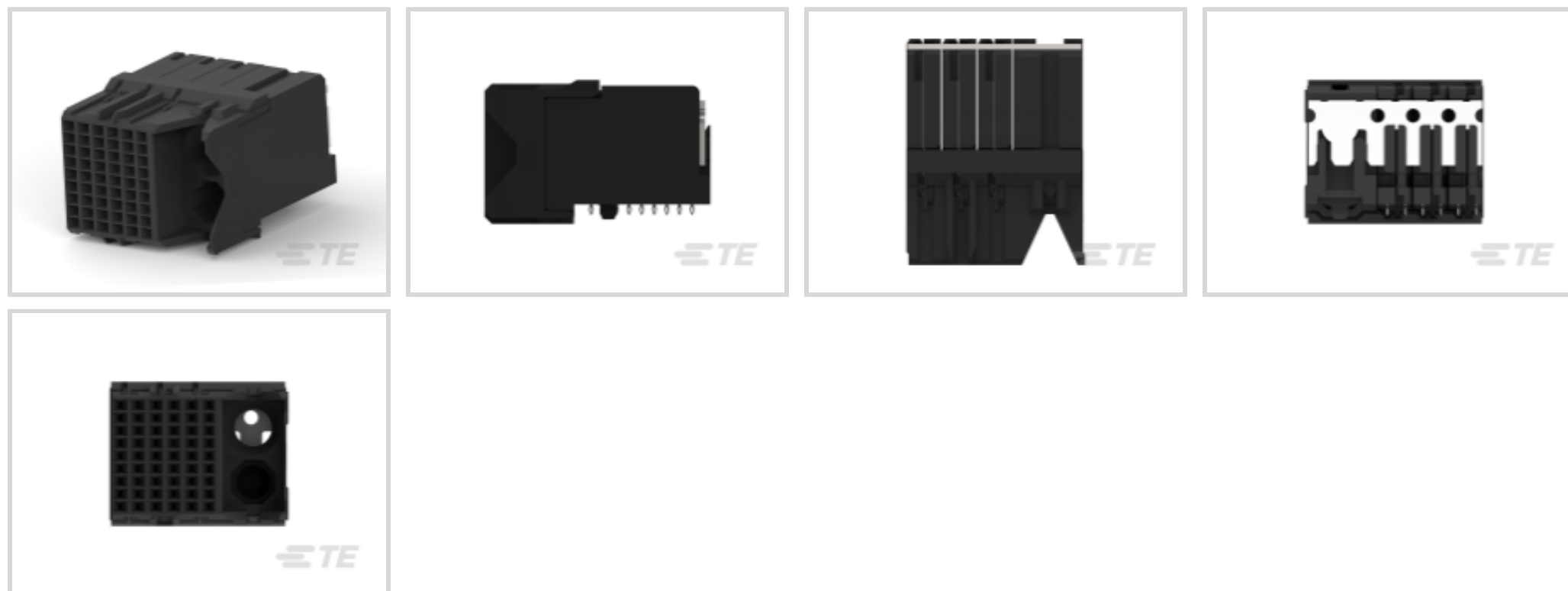
TE Internal #: 2132499-1

High Speed Backplane Connectors, Board-to-Board, 54 Position,
Mating Alignment, Keyed Mating Alignment Type, 9 Row, 6
Column, PCB Mount Receptacle

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Connectors > PCB Connectors > Backplane Connectors > High Speed Connectors



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

Number of Positions: **54**

Row-to-Row Spacing: **1.35 mm [.05 in]**

Mating Alignment: **With**

Mating Alignment Type: **Keyed**

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	54
Number of Rows	9
Number of Columns	6
PCB Mount Orientation	Right Angle
Guide Location	Right

Contact Features

Contact Type	Receptacle
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	0
Centerline (Pitch)	1.9 mm[.075 in]

Dimensions

Row-to-Row Spacing	1.35 mm[.05 in]
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Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Product Compliance

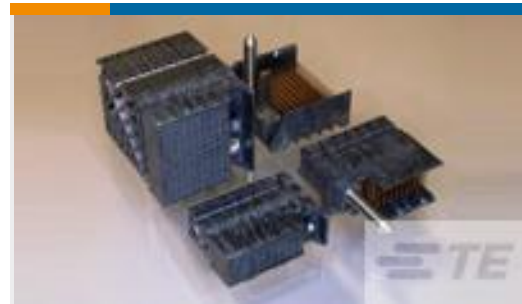
[For compliance documentation, visit the product page on TE.com>](#)

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



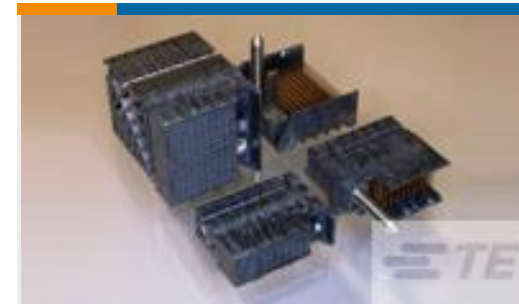
TE Part # 2132531-2
IMP100S,H,V3P6C,RG,OEW39,4.9



TE Part # 2132531-3
IMP100S,H,V3P6C,RG,OEW39,5.5



TE Part # 2132533-2
IMP100S,H,V3P6C,RG,LEW39,4.9



TE Part # 2132533-3
IMP100S,H,V3P6C,RG,LEW39,5.5



TE Part # 2132531-1
IMP100S,H,V3P6C,RG,OEW39,4.5



TE Part # 2132533-1
IMP100S,H,V3P6C,RG,LEW39,4.5



TE Part # 2319599-2
IMP100S,H,V3P6C,RG,LEW39,4.9

Documents

Product Drawings

[IMP100S,R,RA3P6C,RG,39](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2132499-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2132499-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2132499-1_A.3d_stp.zip](#)

English

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

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[Agency Approval Document](#)

English

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High Speed Backplane Connectors, Board-to-Board, 54 Position, Mating Alignment,
Keyed Mating Alignment Type, 9 Row, 6 Column, PCB Mount Receptacle

