



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



Number of Positions: 144

Row-to-Row Spacing: 1.8 mm

Number of Rows: 9

Number of Columns: 16

PCB Connector Type: PCB Mount Receptacle

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible with PCB Type	Backplane
Connector System	Board-to-Board
PCB Connector Type	PCB Mount Receptacle
Shroud Style	Unshrouded

Configuration Features

Backplane Architecture	Traditional Backplane
Number of Positions	144
Number of Rows	9
Number of Columns	16
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Black
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Contact Features

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PCB Contact Termination Area Plating Material Thickness	1.27 μm[50 μin]
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	Liquid Crystal Polymer (LCP) GF
Centerline (Pitch)	1.8 mm

Dimensions

Row-to-Row Spacing	1.8 mm
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power, Signal & High Speed Data
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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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold:



Pb (13% in Component)

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	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 # 2302785-1
RA PLUG ASSY, 7ROW, CENTER, VPX, MG RT3

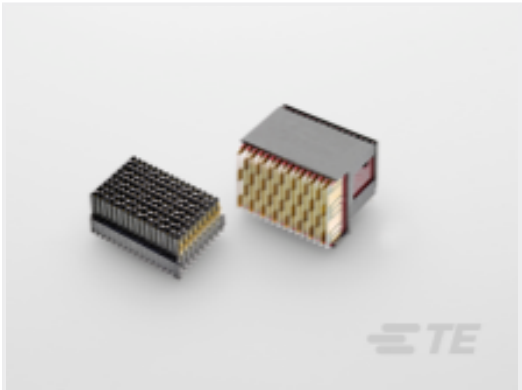
Customers Also Bought

TE Part #1883433-1
SZ8 COAX PIN - RG179 - GPR HEX CRIMP

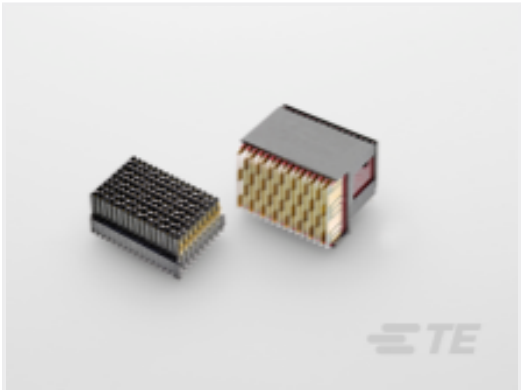
TE Part #2000676-1
Keyed Guide Pin, Machined, Vita 46

TE Part #1-2176483-9
RA73F 2A 845R 0.1% 5K RL

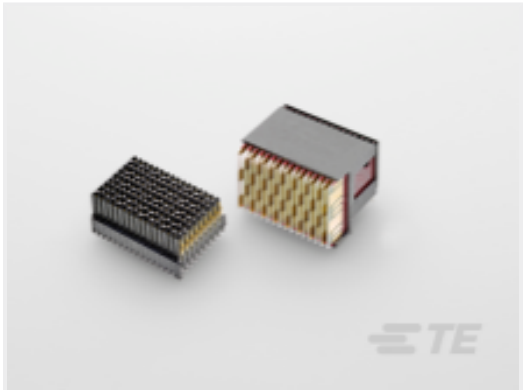
TE Part #2302788-1
VERTRECCASSY, LEFTEND, HALF, MGRT3



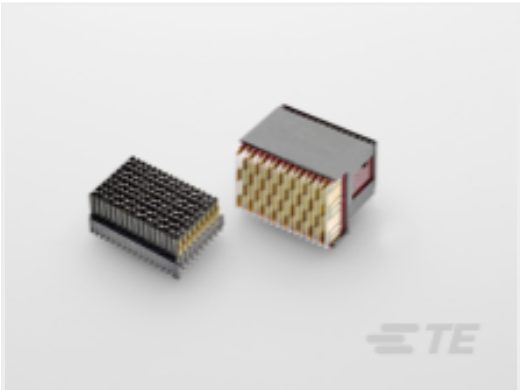
TE Part #2302789-1
[VERTREACASSY,CENTER,MULTIGIG RT3](#)



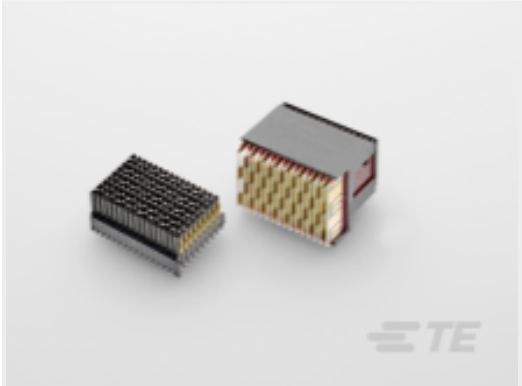
TE Part #2302790-1
[VERTREACASSY,RIGHTEND,MULTIGIG RT3](#)



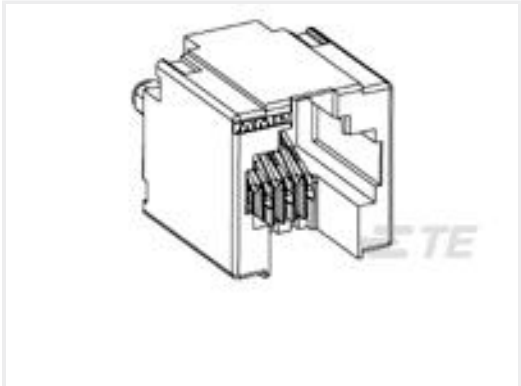
TE Part #2302791-1
[VERTREACASSY,CENTER,RTM, MULTIGIG RT3](#)



TE Part #2313238-1
[VERTREACASSY,J0/J1A,MULTIGIG RT3](#)



TE Part #2332817-1
[Vert RCPT Left End Half Multigig RT 3](#)



TE Part #6116201-1
[MJ,TE,8P,COMPL.PIN,CAT5](#)

Documents

Product Drawings

[VERTREACASSY,RIGHTEND,MULTIGIG RT3\(Sn/Pb\)](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2364030-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2364030-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2364030-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English