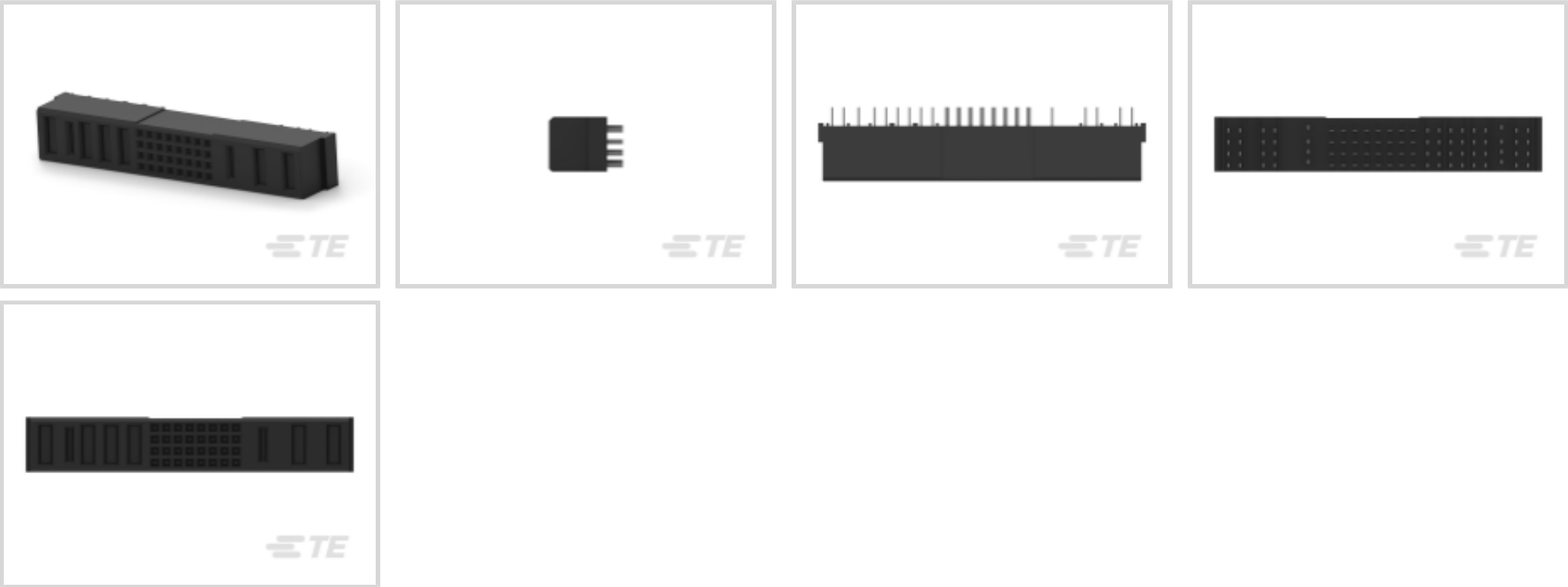




Connectors > Power Connectors > Backplane Power Connectors



Number of Positions: 40

PCB Connector Assembly Type: **PCB Mount Receptacle**

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

PCB Mount Orientation: **Vertical**

Backplane Architecture: **Traditional Backplane**

Features

Housing Features

Housing Color	Black
Housing Material	Thermoplastic

Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.127 μm[5 μin]
Contact Mating Area Plating Material	Gold over Nickel
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold
Contact Type	Socket
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Contact Current Rating (Max)	75 A

Product Type Features

Connector & Housing Type	Receptacle
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PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Columns	8
Number of Power Positions	8
Number of Signal Positions	32
Number of Positions	40
PCB Mount Orientation	Vertical
Backplane Architecture	Traditional Backplane
Stackable	No

Electrical Characteristics

Operating Voltage	300 VDC
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
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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	Not Yet Reviewed
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component plated) 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, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2314578-2
R/A HEADER, MULTI-BEAM XLE, VITA 62




TE Part # 2317477-1
R/A HEADER, MULTI-BEAM XLE, VITA 62


Customers Also Bought




TE Part #2102735-1
BP, Half Left End, MULTIGIG RT 2R




TE Part #1-1469492-8
MULTIGIG RT 9MM GUIDE/ESD 315 DEG




TE Part #53422-1
TERMINAL,PIDG PVF2 R 16-14 1/2 DEG




TE Part #2000973-1
Connector Kit, Rcpt, Backplane, MT, V66.1



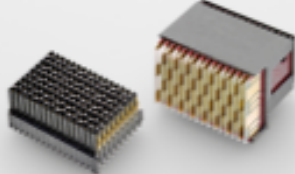
TE Part #2102772-1
DC, 7Row, Half Left End, MULTIGIG RT 2R



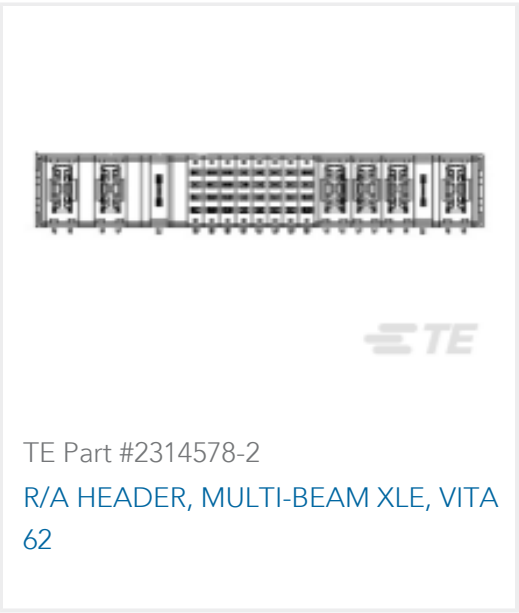
TE Part #2000676-7
Keyed Guide Pin, Machined



TE Part #3826043001
44A1121-20-0/2-9



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



Documents

Product Drawings

VERT RECPT, MULTI-BEAM XLE, VITA 62

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2309390-1_B2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2309390-1_B2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2309390-1_B2.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOSA Aligned Interconnect Solutions

English

Product Specifications

Application Specification

English