

## VITA 62

TE Internal #: 2313441-1

Backplane Power Connectors, PCB Mount Receptacle, Board-to-Board, 40 Position, Vertical, Traditional Backplane, Printed Circuit Board, VITA 62

[View on TE.com >](#)[Connectors > Power Connectors > Backplane Power Connectors](#)PCB Connector Assembly Type: **PCB Mount Receptacle**Connector System: **Board-to-Board**Number of Positions: **40**PCB Mount Orientation: **Vertical**Backplane Architecture: **Traditional Backplane**

## Features

### Product Type Features

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

### Configuration Features

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	270 VDC
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### Contact Features

Contact Type	Socket
Contact Mating Area Plating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
Contact Mating Area Plating Material	Gold



Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	75 A
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#### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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#### Mechanical Attachment

Mating Alignment Type	Keyed
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Mating Alignment	With
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PCB Mount Retention	Without
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Connector Mounting Type	Board Mount
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#### Housing Features

Housing Material	Thermoplastic
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Housing Color	Black
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#### Dimensions

Connector Height	12.7 mm[.5 in]
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PCB Thickness (Recommended)	2.36 mm[.093 in]
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PCB Hole Diameter	.1 – 1.09 mm[.037 – .043 in]
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Product Width	71.63 mm[2.82 in]
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Product Length	11.94 mm[.47 in]
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#### Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

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 # 2313442-1  
MULTIBEAM,RA ASSY,VITA 62.2, PRSSFIT

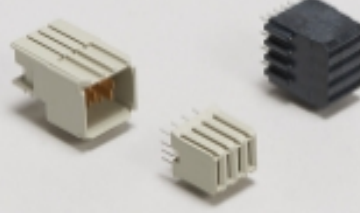


TE Part # 2313443-1  
MULTIBEAM,RA ASSY,VITA 62.2, ST



TE Part # 2313444-1  
MULTIBEAM 270V, VERTICAL FIN, VITA 62

### Also in the Series | VITA 62



Backplane Power Connectors(10)

### Customers Also Bought



TE Part #2101510-2  
4 Pos RF Module, Backplane, OSMM  
PASSIVA



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



TE Part #2102736-1  
BP, Center, MULTIGIG RT 2R



TE Part #2102737-1  
BP, Right End, MULTIGIG RT 2R



TE Part #1410189-3  
MULTIGIG RT T2 7RW H-LFT,ET2



TE Part #1410187-3  
MULTIGIG RT T2 7RW DC DF CT



TE Part #1761482-1  
MRJ21 48POS RCPT ASSY, W/O PAN



TE Part #1658466-3  
MSB0.80PL16ASY120FL,-,30,-TY



TE Part #ES2100402CTM  
ES2100402CTM=RELAY

## Documents

### Product Drawings

[MULTIBEAM,VERT ASSY,VITA 62.2,PRSSFIT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2313441-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2313441-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2313441-1\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

2313441-1

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Vertical, Traditional Backplane, Printed Circuit Board, VITA 62



## SOSA Aligned Interconnect Solutions

English