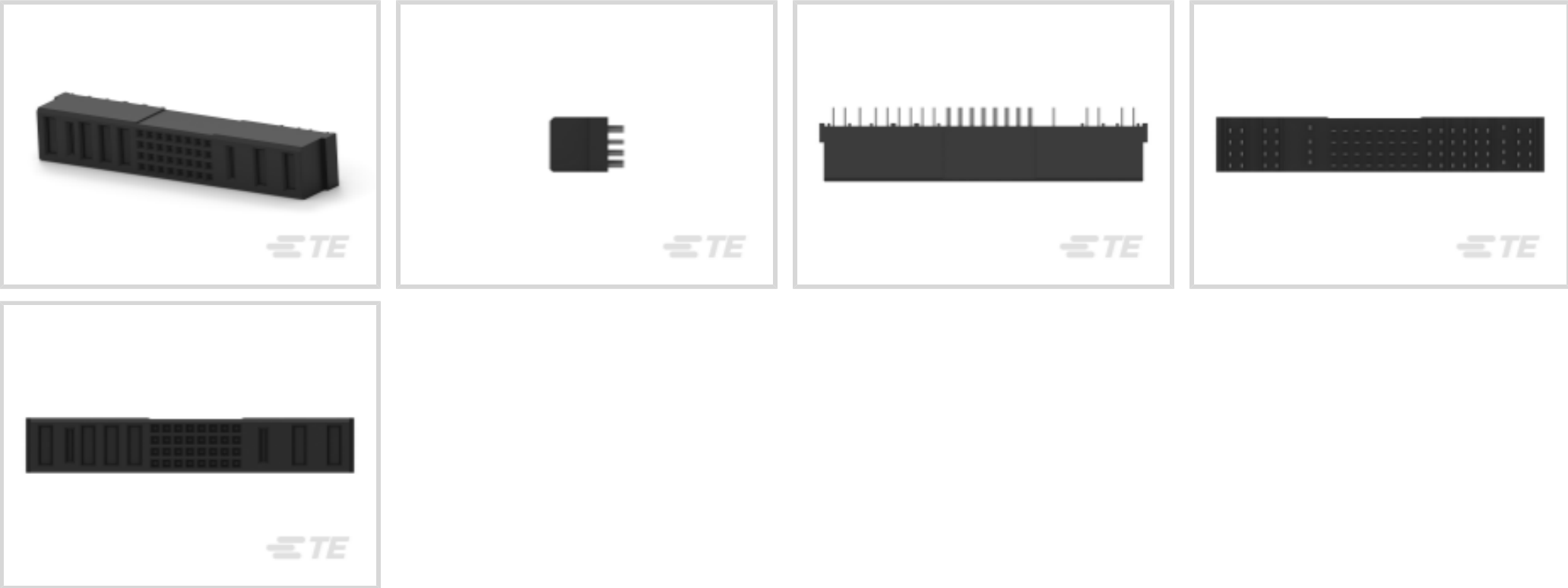




Connectors > Power Connectors > Backplane Power Connectors



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 Columns	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
-------------------	---------



Contact Features

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

Termination Features

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

Housing Features

Housing Material	Thermoplastic
Housing Color	Black

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

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

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

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

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

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

TE Part #1-1469491-2
MULTIGIG RT GUIDEPIN, 9MM 2.60

TE Part #2302790-1
VERTRECCASSY,RIGHTEND,MULTIGIG RT3

TE Part #1410946-3
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW

TE Part #2000713-1
RA Keyed Guide Mod, Vita 46, Machined



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

TE Part #2314578-2
R/A HEADER, MULTI-BEAM XLE, VITA
62

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

Product Specification

English