

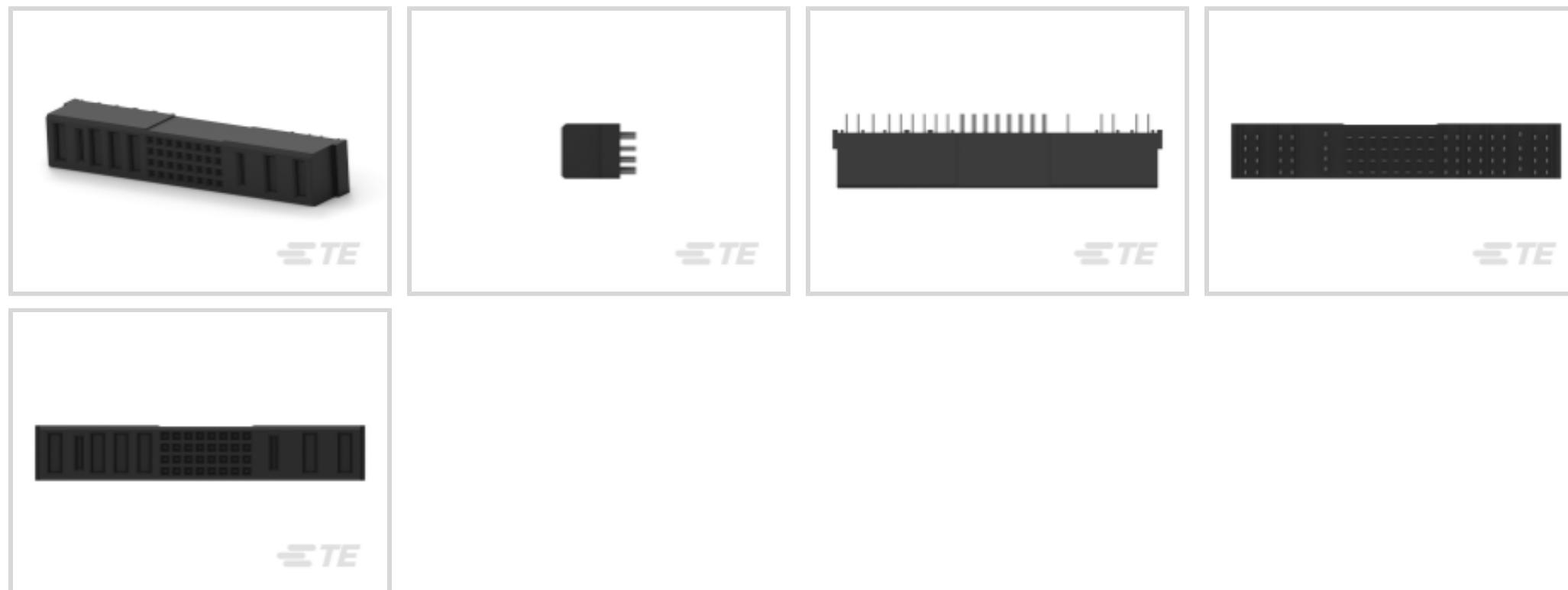
2309390-1

✓ ACTIVE

TE Internal #: 2309390-1

40 Position Backplane Power Connector, PCB Mount Receptacle,
Board-to-Board, Vertical, Traditional Backplane, Printed Circuit
Board[View on TE.com >](#)

Connectors > Power Connectors > Backplane Power Connectors

PCB Connector 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 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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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

Termination Features

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

Housing Color	Black
Housing Material	Thermoplastic

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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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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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	Not Low Halogen - contains Br or Cl > 900

ppm.

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

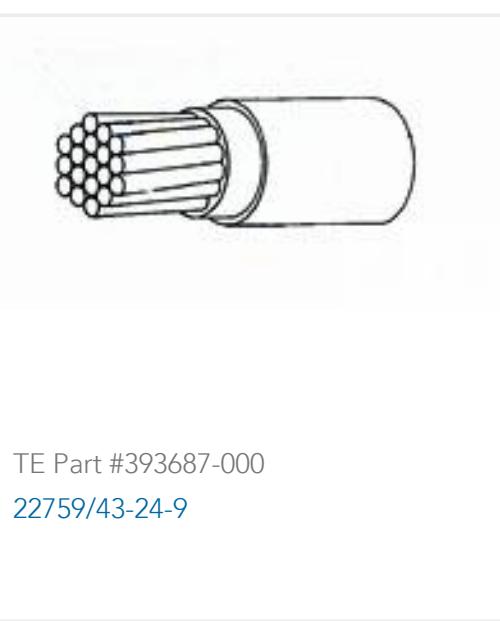


TE Part # 2317477-1
R/A HEADER, MULTI-BEAM XLE, VITA
62



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

Customers Also Bought



TE Part #393687-000
22759/43-24-9



TE Part #284174-E
STVC/2 48 F ABC VVV 7-00 TL 4,0 *
247 EO



TE Part #127429-000
SO63-5-9030



TE Part #103166-5
14 MODII HDR DRRA SHRD .100CL



TE Part #188835-1
Z-PACK/B M-HDR 154P.



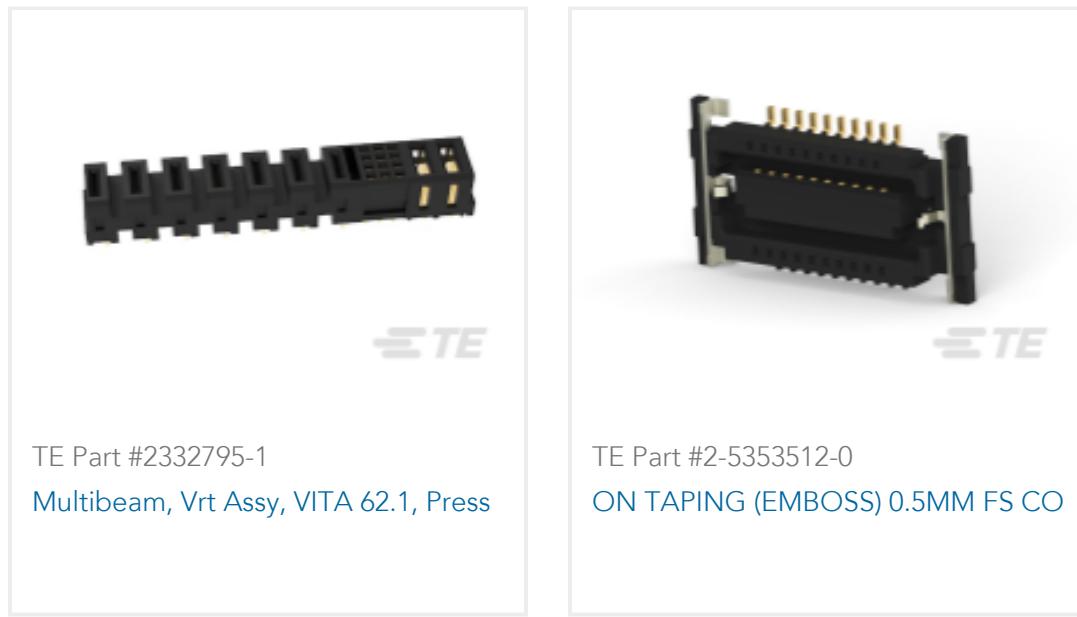
TE Part #1-212565-0
AMPLIMITE,PIN CONT,SZ 20,AU PLTD



TE Part #2-328996-1
TERMINAL,PIDG R 16-14 4



TE Part #414048-6
CABLE PLUG,FEMALE,RTANG SMB



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_jgs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2309390-1_B2.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English