

464831-E ✓ ACTIVE

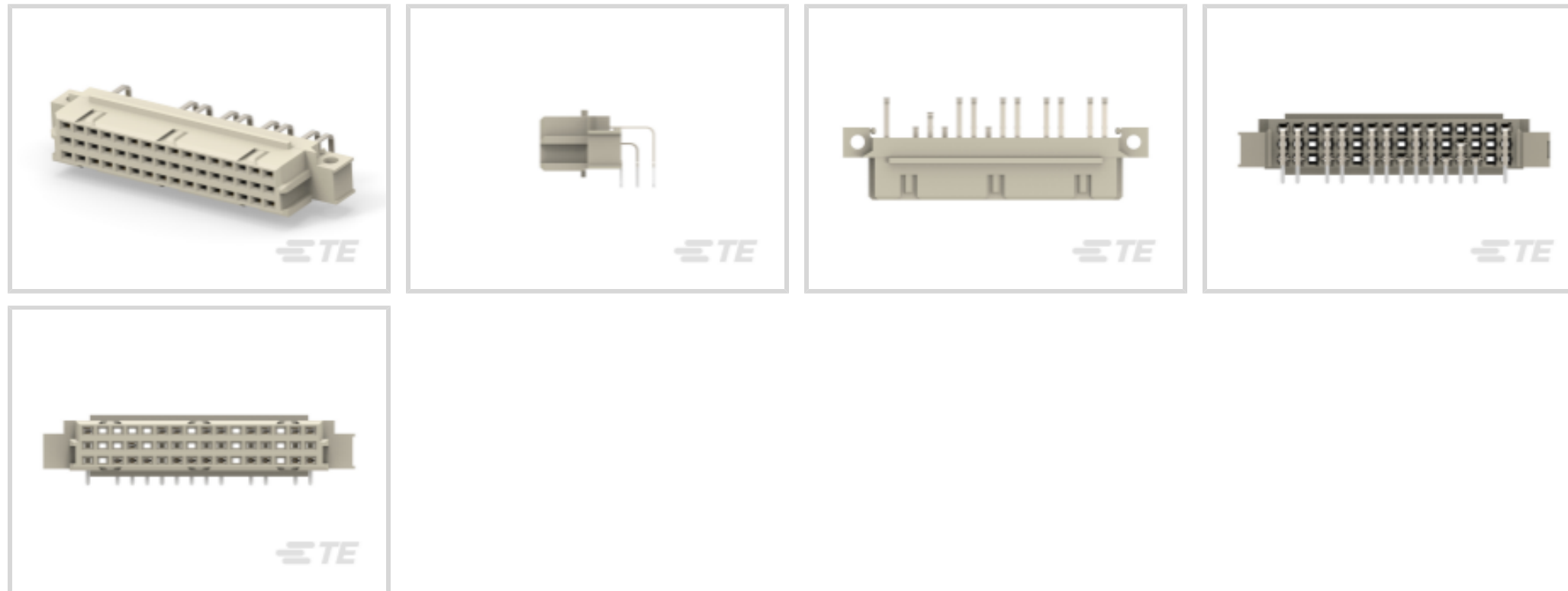
TE Internal #: 464831-E

Receptacle, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Right Angle, 16 Column, Eurocard
Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.54 mm [.1 in]**

Number of Positions: **48**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II

Configuration Features

Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	16
Rows Loaded	A, B, C
Number of Signal Positions	21

Contact Features

Contact Base Material	Copper Alloy
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Contact Type

Receptacle

Termination Features

Termination Method to PCB

Through Hole - Solder

Termination Post & Tail Length

2.54 mm[.1 in]

Mechanical Attachment

Connector Mounting Type

Board Mount

Housing Features

Centerline (Pitch)

2.54 mm[.1 in]

Dimensions

Connector Width

12.5 mm

Connector Height

10.6 mm

Connector Length

53.36 mm

Row-to-Row Spacing

2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range

-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application

Signal

Industry Standards

UL Flammability Rating

UL 94V-0

Compatible With Approved Standards Products

UL E84703

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: JUNE 2022 (224)
 Does not contain REACH SVHC

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

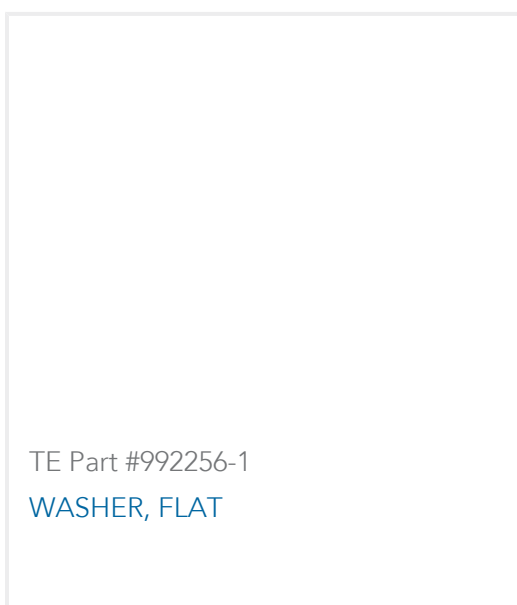
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

[STVR/2 21 FI ABC 0507 7-03 TL ** 247 E0](#)

English



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_464831-E_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_464831-E_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_464831-E_C.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English