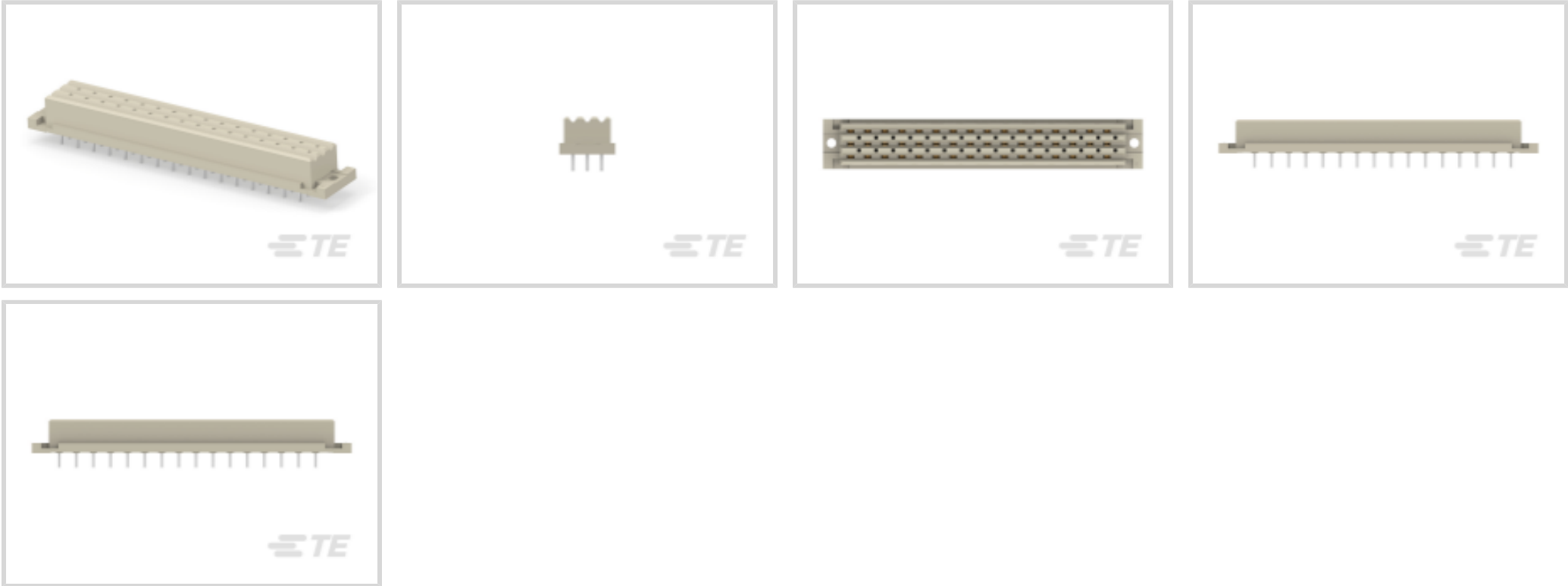




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.5 mm [.177 in]**

Number of Positions: **48**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Board-to-Board        |
| Connector & Contact Terminates To | Printed Circuit Board |
| Performance Level                 | II                    |

Configuration Features

|                                 |          |
|---------------------------------|----------|
| Mating & Unmating Configuration | Normal   |
| Number of Positions             | 48       |
| Number of Rows                  | 3        |
| PCB Mount Orientation           | Vertical |
| Number of Columns               | 16       |
| Rows Loaded                     | B, D, Z  |
| Number of Signal Positions      | 48       |

Contact Features

|                       |              |
|-----------------------|--------------|
| Contact Base Material | Copper Alloy |
|-----------------------|--------------|



|                                                                 |                                                                                                                               |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Contact Type                                                    | Receptacle                                                                                                                    |
| Termination Features                                            |                                                                                                                               |
| Termination Method to PCB                                       | Through Hole - Solder                                                                                                         |
| Termination Post & Tail Length                                  | 4.5 mm[.177 in]                                                                                                               |
| Mechanical Attachment                                           |                                                                                                                               |
| Connector Mounting Type                                         | Board Mount                                                                                                                   |
| Housing Features                                                |                                                                                                                               |
| Housing Material                                                | PBT GF30                                                                                                                      |
| Centerline (Pitch)                                              | 5.08 mm[.2 in]                                                                                                                |
| Dimensions                                                      |                                                                                                                               |
| Connector Width                                                 | 10.1 mm[.397 in]                                                                                                              |
| Connector Height                                                | 14.8 mm[.583 in]                                                                                                              |
| Connector Length                                                | 95 mm[3.74 in]                                                                                                                |
| Row-to-Row Spacing                                              | 3.81 mm[.15 in]                                                                                                               |
| Usage Conditions                                                |                                                                                                                               |
| Operating Temperature Range                                     | -55 – 125 °C[-67 – 257 °F]                                                                                                    |
| Operation/Application                                           |                                                                                                                               |
| Circuit Application                                             | Signal                                                                                                                        |
| Industry Standards                                              |                                                                                                                               |
| 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                                     | Compliant                                                                                                                     |
| 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: FEB 2026 (253)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| 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>

Customers Also Bought

TE Part #20018122-01  
830M1-1000 Triaxial 1Kg Tray 25pcs

TE Part #5053342033  
RNF-100-1-1/2-0-STK

TE Part #1825027-5  
FSMRA2JH04=R/A,TACT PB SW,160G

TE Part #8-2176373-9  
RQ 0805 82R5 0.1% 10PPM 1K RL

TE Part #5-2176430-0  
MPT35 33R 1%

TE Part #2-2176633-9  
SQMB10 15R (WIRE) 5%

TE Part #2-2823408-0  
20P,2MM,PL HDR,DRVVT,2.8,0.76AU,TB

TE Part #2-5174339-5  
AMPLIMITE CAP HEADER

TE Part #6609006-1  
1EEJ1=F8005 S0

TE Part #2342890-1  
CA MICRO-MATCH MOW-MOW 18POS

Documents

Product Drawings  
STVF 48 F ZBD GGG 7-03 0606 4,5 \* 207 E0  
English



CAD Files

Customer View Model

ENG\_CVM\_CVM\_354741-E\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_354741-E\_A.3d\_igs.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_354741-E\_A.3d\_stp.zip

English

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Product Specifications

Product Specification

English