



TE Internal #: 354341-E  
Receptacle, Board-to-Board, 48 Position, 5.08 mm [.2 in] Centerline,  
Printed Circuit Board, 3 Row, Vertical, 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: **4 mm [.157 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                 | I                     |

Configuration Features

|                                 |          |
|---------------------------------|----------|
| Mating & Unmating Configuration | Normal   |
| Number of Positions             | 48       |
| Number of Rows                  | 3        |
| PCB Mount Orientation           | Vertical |
| Number of Columns               | 16       |
| 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 mm[.157 in]         |

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PBT GF30       |
| Centerline (Pitch) | 5.08 mm[.2 in] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Connector Width    | 11.6 mm[.456 in] |
| Connector Height   | 15.7 mm[.618 in] |
| Connector Length   | 95 mm[3.74 in]   |
| Row-to-Row Spacing | 5.08 mm[.2 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>

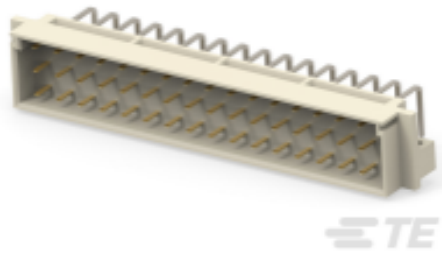
|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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: JUNE 2025 (250)<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                                                                                     |



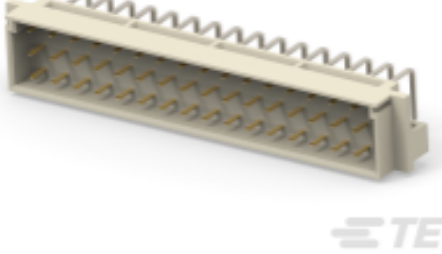
Product Compliance Disclaimer

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>

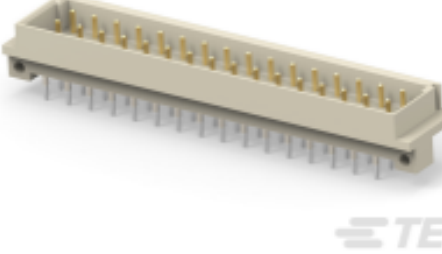
Compatible Parts



TE Part # 354871-E  
STVE 48 M ACE GGG 4-00 1006 \*\*  
137 E007

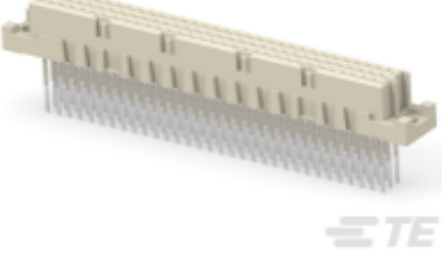


TE Part # 354872-E  
STVE 48 M ACE GGG 4-00 1006 \*\*  
247 E007



TE Part # 364891-E  
STVE 48 M ACE GGG 4-00 GA16 3,8 \*  
247 E0

Customers Also Bought



TE Part #284135-E  
STVC 96 F ABC VVW 7-00 EEUE 13,0 \*  
131 E



TE Part #2-1393030-2  
SSRT-240D25 = PANEL MOUNT,25A,  
240VAC



TE Part #1622382-1  
LR1 1% 20K



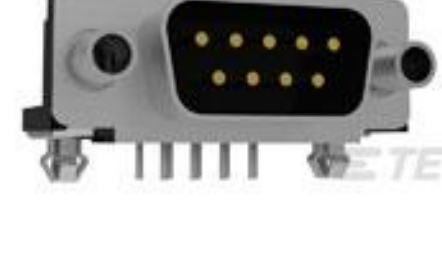
TE Part #4-2176094-4  
RP 2A 0.25W 340K 0.1% 25PPM 1K RL



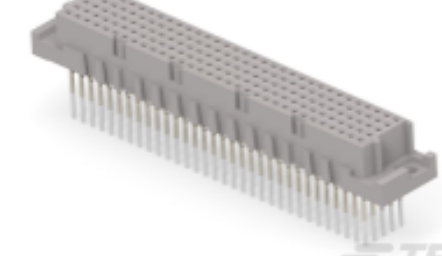
TE Part #1-2199119-5  
M.2 0.5PITCH 3.2H KEY M 15U" AU



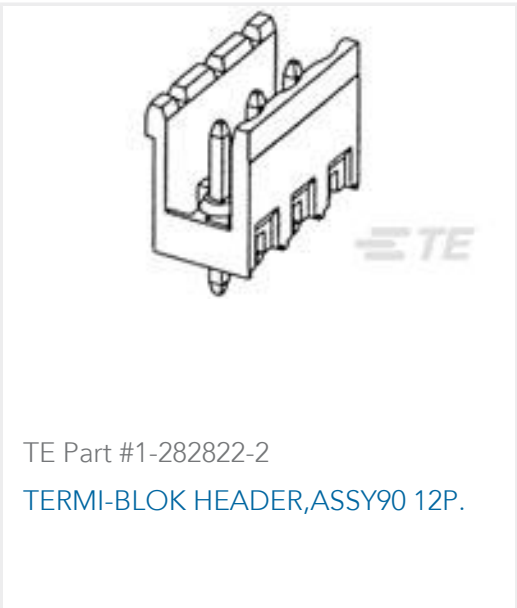
TE Part #5352171-1  
Z-PACK/B19 RAF 95P



TE Part #5747840-6  
HD-20 PLUG RA .318 FMS BD-LK S



TE Part #284185-E  
STVE 160 F ABCDE VVVV 7-00 EEUE  
13,0 \*



Documents

Product Drawings

STVE 48 F ACE GGG 7-01 1010 4,0 \* 107 E

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_354341-E\_C.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_354341-E\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_354341-E\_C.3d\_stp.zip

English

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Product Specifications

Product Specification

English