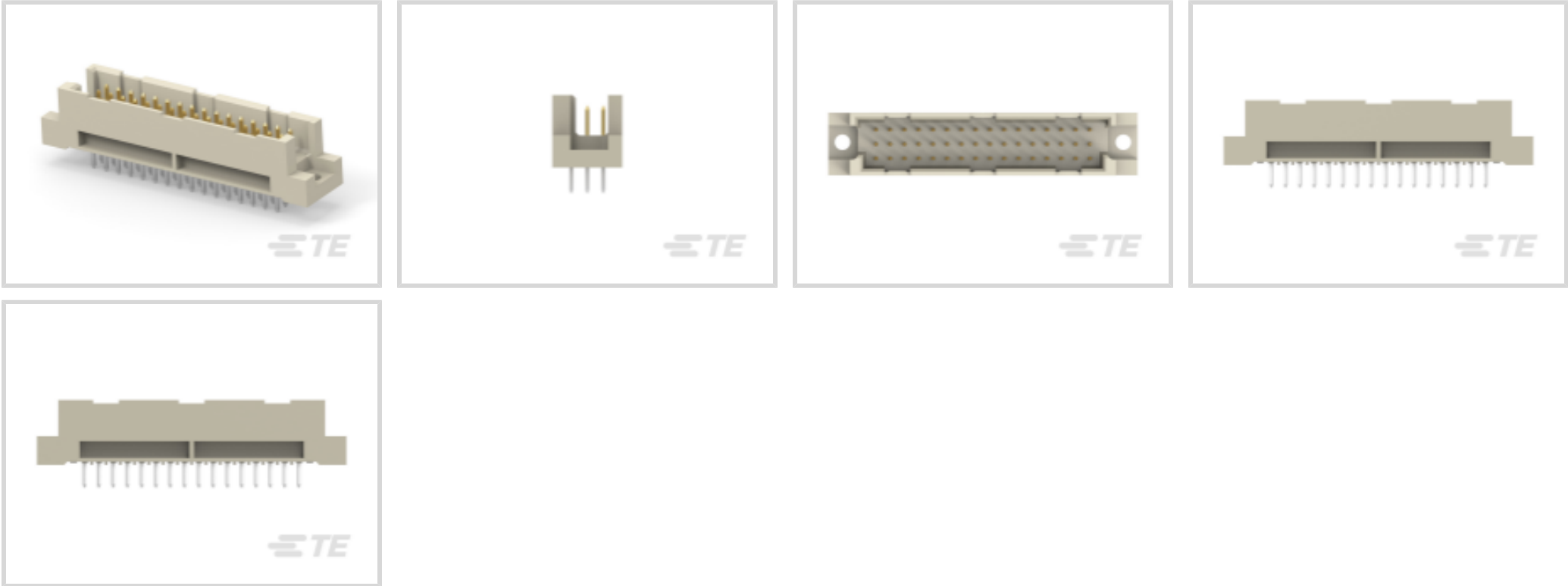




TE Internal #: 364921-E  
Plug, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline,  
Printed Circuit Board, 3 Row, Vertical, 16 Column, Eurocard  
Connectors  
[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**  
Connector System: **Board-to-Board**  
Termination Post & Tail Length: **4 mm [.157 in]**  
Number of Positions: **48**  
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

|                                 |                         |
|---------------------------------|-------------------------|
| Mating & Unmating Configuration | Make First / Break Last |
| Number of Positions             | 48                      |
| Number of Rows                  | 3                       |
| PCB Mount Orientation           | Vertical                |
| Number of Columns               | 16                      |
| Rows Loaded                     | A, B, C                 |
| Number of Signal Positions      | 48                      |

Contact Features

|              |     |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|



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) | 2.54 mm[.1 in] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Connector Width    | 11.6 mm[.456 in] |
| Connector Height   | 11.1 mm[.437 in] |
| Connector Length   | 55 mm[2.165 in]  |
| 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

|                                             |           |
|---------------------------------------------|-----------|
| Compatible With Approved Standards Products | UL E84703 |
|---------------------------------------------|-----------|

Product Compliance

For compliance documentation, visit the product page on TE.com>

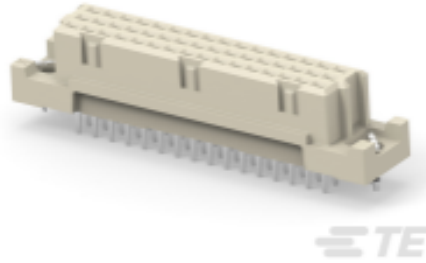
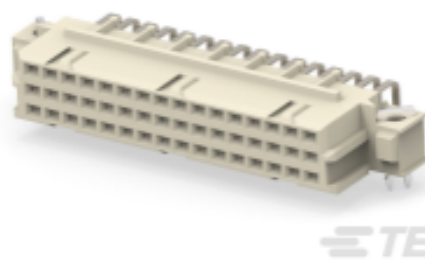
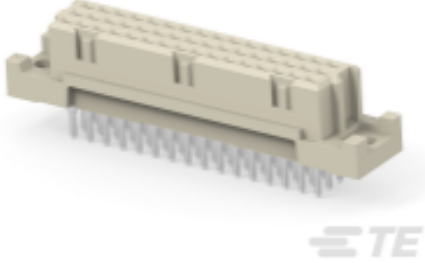
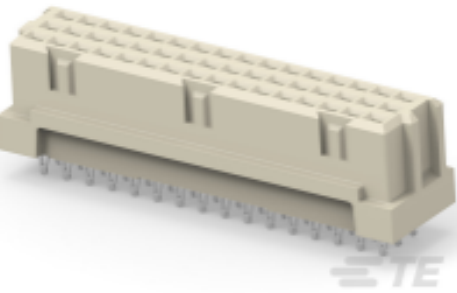
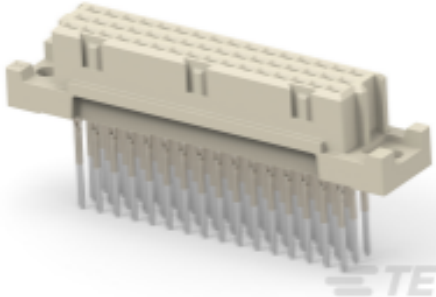
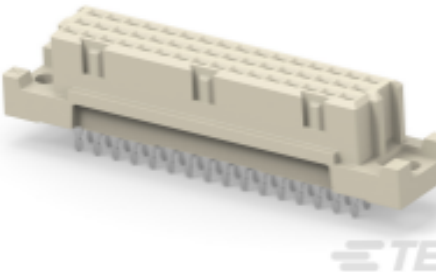
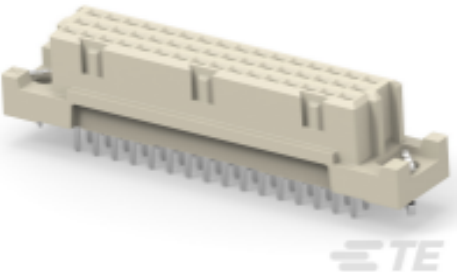
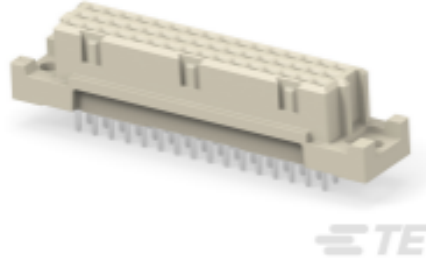
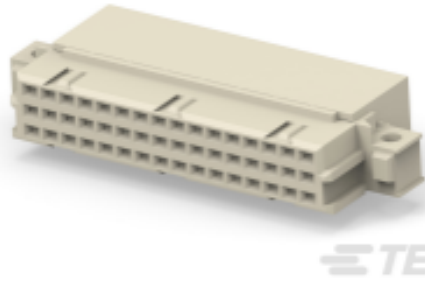
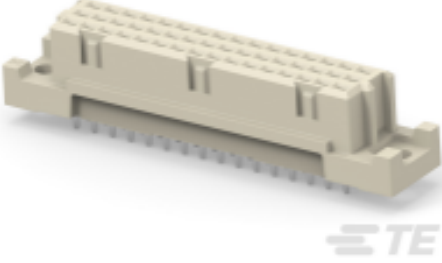
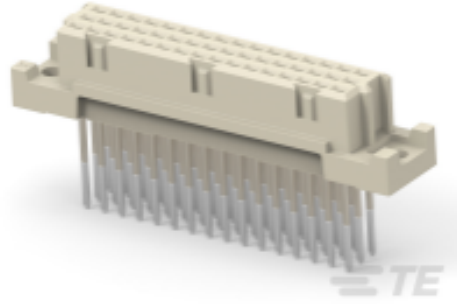
|                                               |                                                                                                                                |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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: 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                                                                                     |



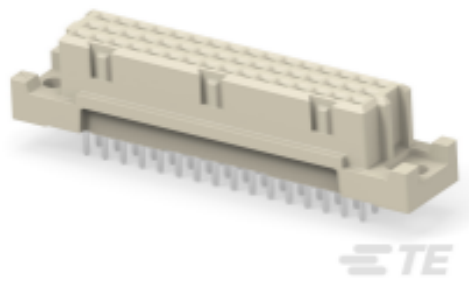
Product Compliance Disclaimer

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

|                                                                                                                                                               |                                                                                                                                                               |                                                                                                                                                                  |                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 494136-E<br/>STVC/2 48 F ABC VV 7-00 TL 4,0 *<br/>207 E0</p> |  <p>TE Part # 284540-E<br/>STVR/2 48 FI ABC VV 7-03 TL * * 247<br/>E 1</p> |  <p>TE Part # 234647-E<br/>STVC/2 48 F ABC VV 7-00 EE 5,5 *<br/>247 E0</p>  |  <p>TE Part # 294762-E<br/>STVC/2 48 F ABC VV 7-00 EE 2,9 *<br/>247 E0</p> |
|  <p>TE Part # 284136-E<br/>STVC/2 48 F ABC VV 7-00 EEUE 13,0<br/>* 241</p> |  <p>TE Part # 254887-E<br/>STVC/2 48 F ABC VV 7-00 EE 4,0 *<br/>247 E0</p> |  <p>TE Part # 284164-E<br/>STVB 32 F AB GG 7-00 TL 4,0 * 247<br/>E007 1</p> |  <p>TE Part # 284944-E<br/>STVC/2 48 F ABC VV 7-00 TL 4,0 *<br/>247 E0</p> |
|  <p>TE Part # 254895-E<br/>STVC/2 48 F ABC VV 7-00 TL 4,0 *<br/>137 E0</p> |  <p>TE Part # 354159-E<br/>STVR/2 48 FI ABC VV 7-03 EE * * 247<br/>E00</p> |  <p>TE Part # 254498-E<br/>STVC/2 48 F ABC VV 7-00 TL 2,5 *<br/>247 E0</p>  |  <p>TE Part # 284172-E<br/>STVC/2 48 F ABC VV 7-00 0606 13,0 *<br/>247</p> |

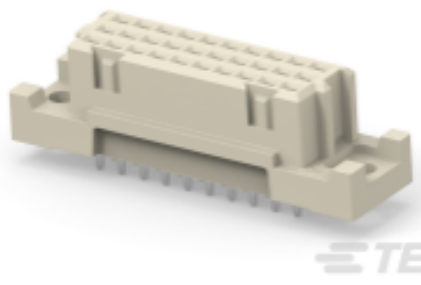




TE Part # 284174-E

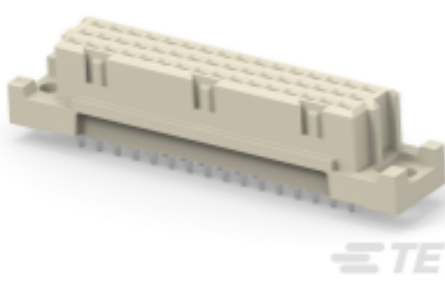
STVC/2 48 F ABC VV 7-00 TL 4,0 \* 247 E0

Customers Also Bought



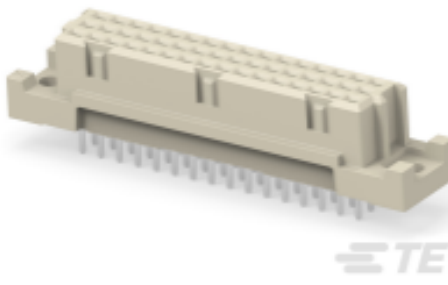
TE Part #244336-E

STVC/3 30 F ABC VV 7-00 TL 2,5 \* 247 E0



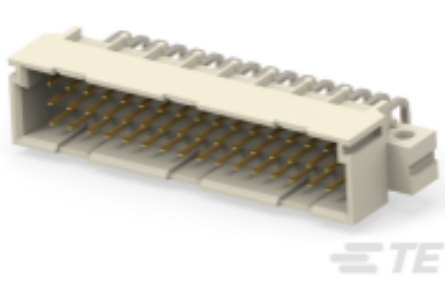
TE Part #254498-E

STVC/2 48 F ABC VV 7-00 TL 2,5 \* 247 E0



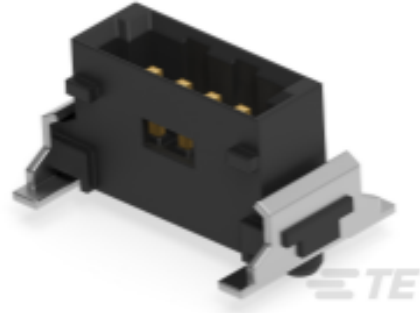
TE Part #284174-E

STVC/2 48 F ABC VV 7-00 TL 4,0 \* 247 E0



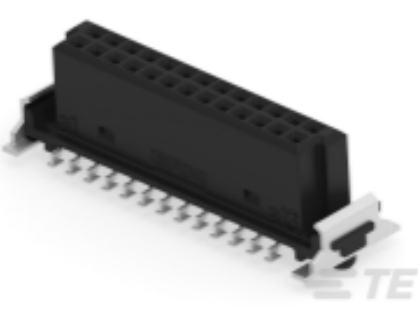
TE Part #254324-E

STVC/2 48 M ABC VV 4-00 0606 \* \* 247 E0



TE Part #284697-E

SRCP 1,27 4 M 1 SMD 137 E1 094 \* GU-H \*



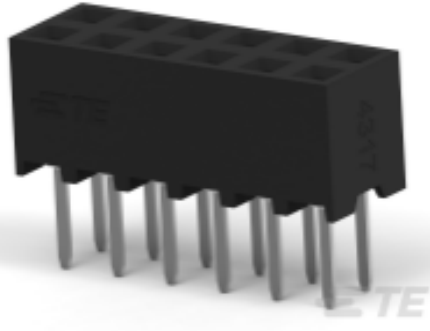
TE Part #154806-E

SMCB 26 F AB VV 7-13 CL \* H007 137 E002



TE Part #1473005-1

SEMI HARD TRAY DDR SOCKET 200P



TE Part #1-2314813-4

14P,2MM,B-B,REC,DRVT,2,0,0.38AU, TB,W/CAP



TE Part #494996-E

DRCBTB 1,27 26 M BTB376 35,8 137 \* 094 T

TE Part #1-1372523-5

SUPPORT PLATE

Documents

Product Drawings

STVR/2 48 MI ABC VV 4-00 GA06 4,0 \* 247

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_364921-E\_A.3d\_igs.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_364921-E\\_A.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_364921-E\\_A.2d\\_dxf.zip](#)

English

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Product Specifications

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English