

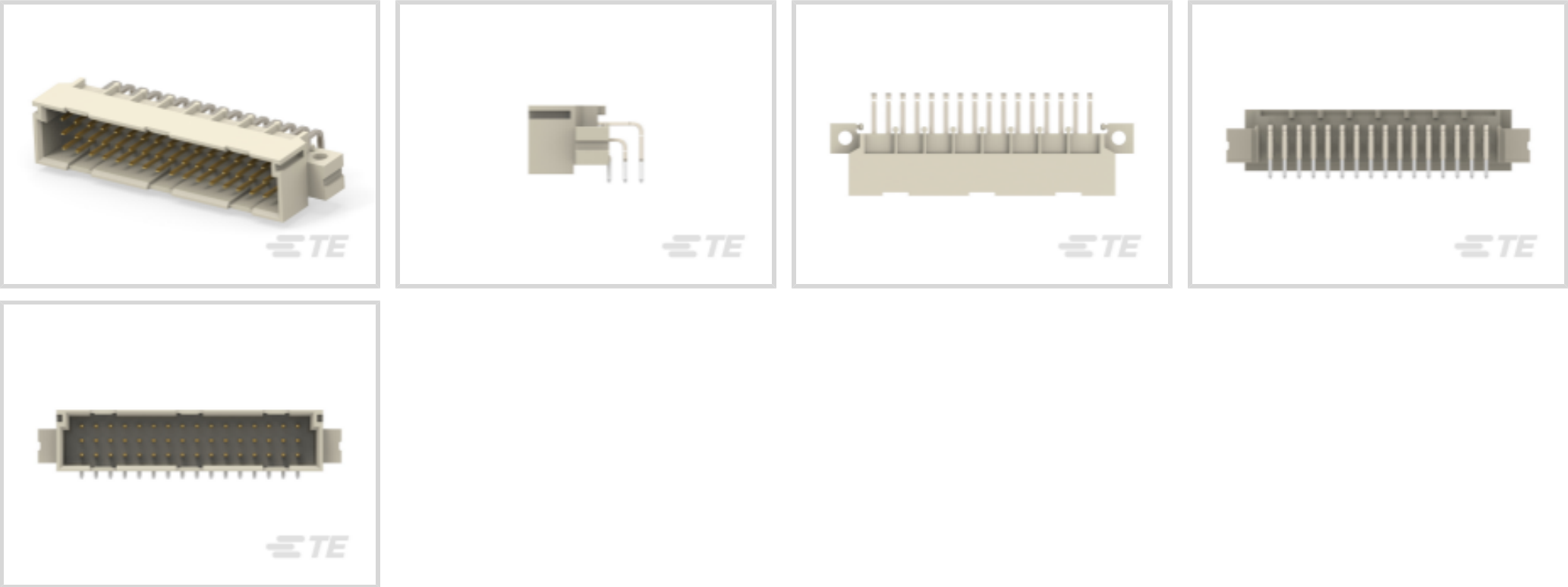
254324-E

✓ ACTIVE

TE Internal #: 254324-E  
Plug, 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: **Plug**  
Connector System: **Board-to-Board**  
Termination Post & Tail Length: **3 mm [.118 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 |
| DIN Size                          | Half                  |
| DIN Level                         | II                    |

Configuration Features

|                                 |             |
|---------------------------------|-------------|
| Mating & Unmating Configuration | Normal      |
| 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      | 48          |

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                       |              |
|-----------------------|--------------|
| Contact Base Material | Copper Alloy |
| Contact Type          | Pin          |

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 3 mm[.118 in]         |

Mechanical Attachment

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

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PBT GF30       |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                    |                |
|--------------------|----------------|
| Connector Width    | 53.9 mm        |
| Connector Height   | 11.1 mm        |
| Connector Length   | 12.7 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                   | 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: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |

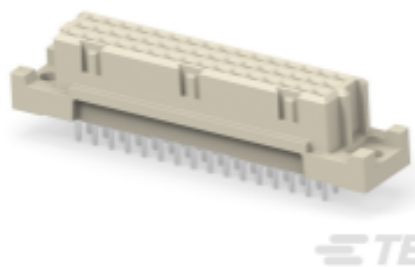
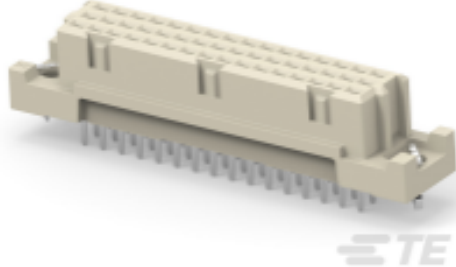
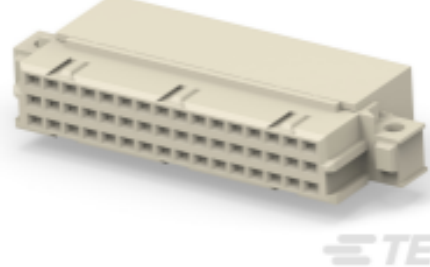
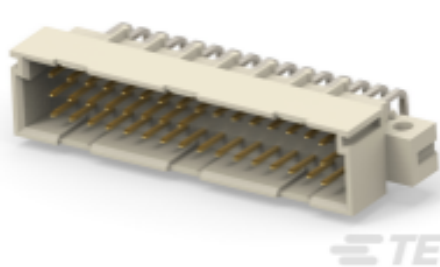
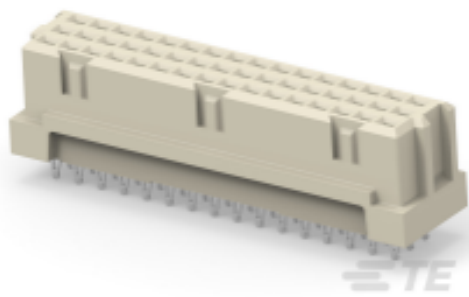
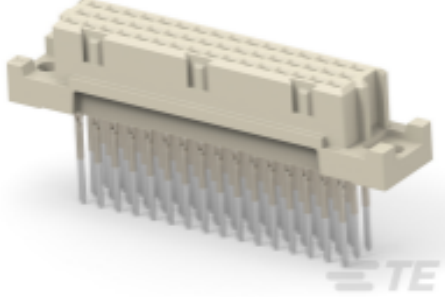
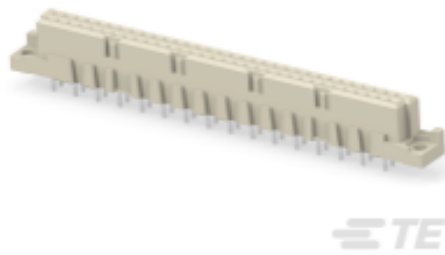
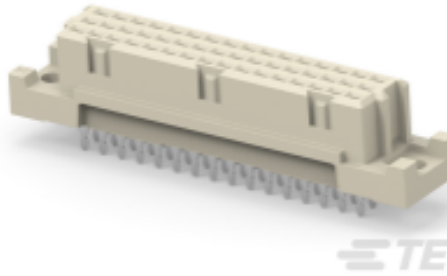
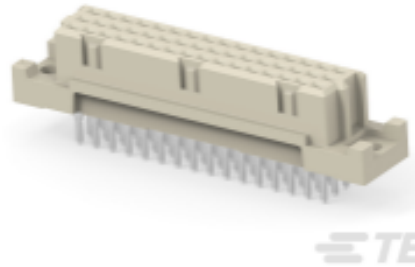
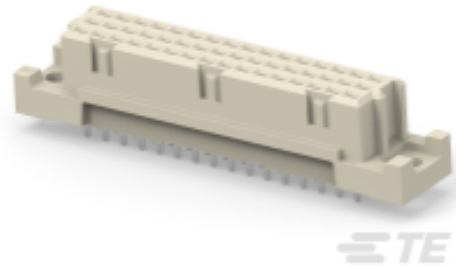
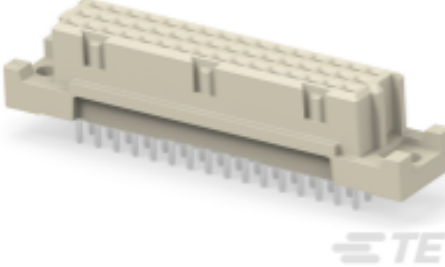
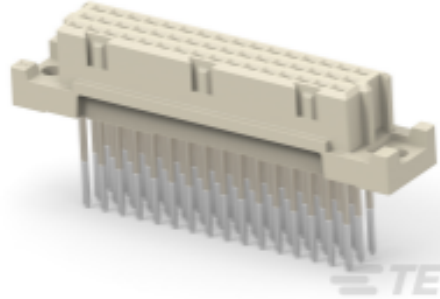


|                           |                                            |
|---------------------------|--------------------------------------------|
| Halogen Content           | Not Yet Reviewed for halogen content       |
| Solder Process Capability | Not reviewed for solder process capability |

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

|                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                         |                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 254895-E<br>STVC/2 48 F ABC VVW 7-00 TL 4,0 * 137 E0 | <br>TE Part # 284944-E<br>STVC/2 48 F ABC VVW 7-00 TL 4,0 * 247 E0 | <br>TE Part # 354159-E<br>STVR/2 48 FI ABC VVW 7-03 EE * * 247 E00 | <br>TE Part # 384202-E<br>STVC/2 41 M ABC 0387 4-00 0606 * 8235 24 |
| <br>TE Part # 294762-E<br>STVC/2 48 F ABC VVW 7-00 EE 2,9 * 247 E0 | <br>TE Part # 284136-E<br>STVC/2 48 F ABC VVW 7-00 EEUE 13,0 * 241 | <br>TE Part # 284164-E<br>STVB 32 F AB GG 7-00 TL 4,0 * 247 E007 1 | <br>TE Part # 254887-E<br>STVC/2 48 F ABC VVW 7-00 EE 4,0 * 247 E0 |
| <br>TE Part # 234647-E<br>STVC/2 48 F ABC VVW 7-00 EE 5,5 * 247 E0 | <br>TE Part # 254498-E<br>STVC/2 48 F ABC VVW 7-00 TL 2,5 * 247 E0 | <br>TE Part # 284174-E<br>STVC/2 48 F ABC VVW 7-00 TL 4,0 * 247 E0 | <br>TE Part # 284172-E<br>STVC/2 48 F ABC VVW 7-00 0606 13,0 * 247 |



TE Part # 284540-E  
STVR/2 48 F ABC VV 7-03 TL \* \* 247 E 1

TE Part # 494136-E  
STVC/2 48 F ABC VV 7-00 TL 4,0 \* 207 E0

Customers Also Bought

TE Part #284174-E  
STVC/2 48 F ABC VV 7-00 TL 4,0 \* 247 E0

TE Part #515944-E  
MCBA 10 M \* SMD 137 \* 176 \* GURT C5 J 2

TE Part #CAT-C339-SM1  
SMD Power Resistor: 7 Watt, 200-2M Ohm

TE Part #515974-E  
MCBA 6 M \* SMD 137 \* 194 \* GURT C6 J 2 5

TE Part #515966-E  
MCBA 4 M \* SMD 137 \* 176 \* GURT C4 J 2 5

TE Part #515971-E  
MCBA 6 M \* SMD 137 \* 176 \* GURT C6 J 2 5

TE Part #1926438-1  
CONN, SOCKET ASSY, STRAIGHT FLATPAQ

TE Part #2176225-3  
SMF3 56K 5% CUSTOM

TE Part #2176225-4  
SMF3 68K 5% CUSTOM

Documents

Product Drawings

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

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_254324-E\_1.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_254324-E\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_254324-E\\_1.3d\\_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English