

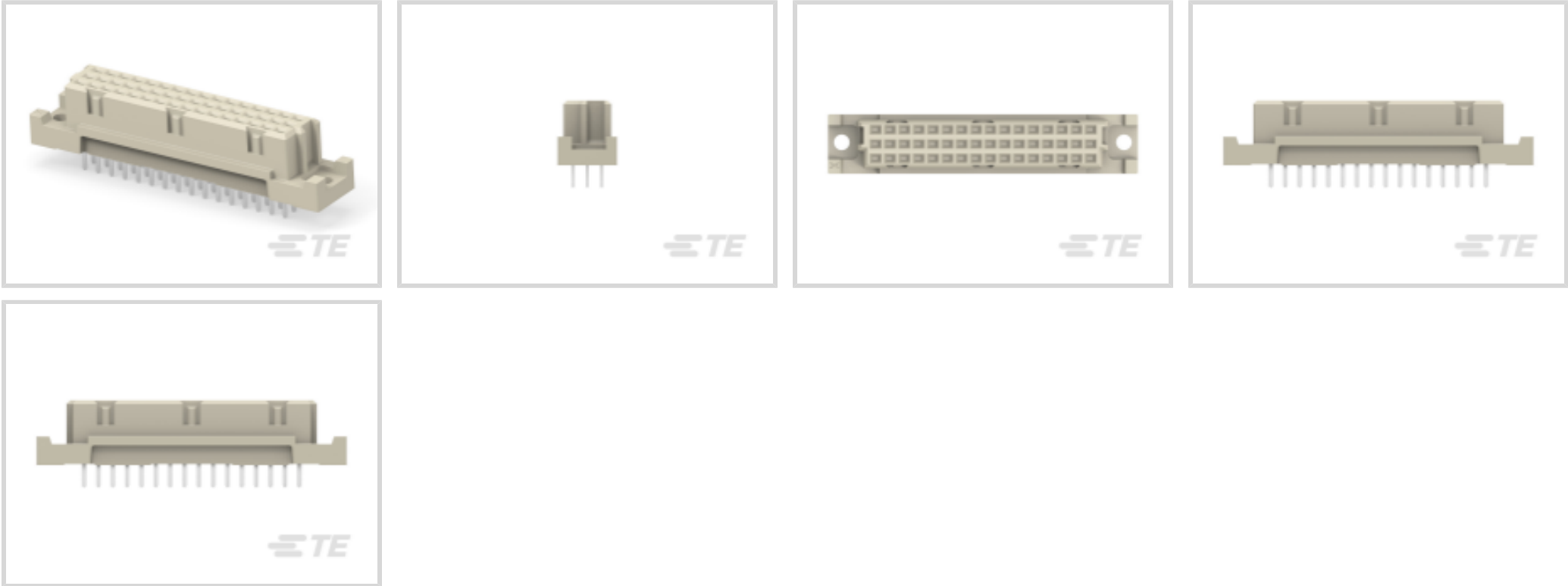
284174-E

✓ ACTIVE

TE Internal #: 284174-E
Receptacle, 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: **Receptacle**
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	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	A, B, C
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)	2.54 mm[.1 in]
Dimensions	
Connector Width	55 mm[2.164 in]
Connector Height	10.6 mm[.417 in]
Connector Length	11.6 mm[.457 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	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) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.



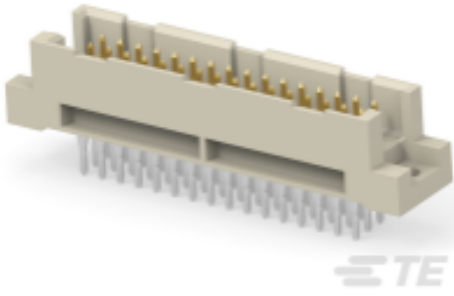
Solder Process Capability

Not reviewed for solder process capability

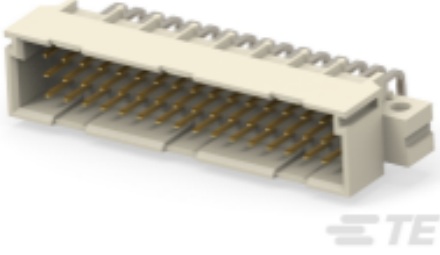
Product Compliance Disclaimer

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>

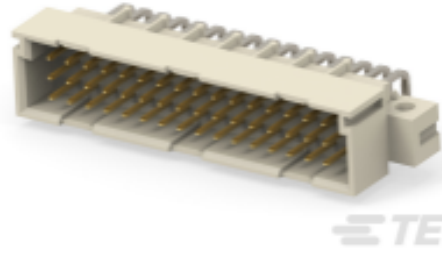
Compatible Parts



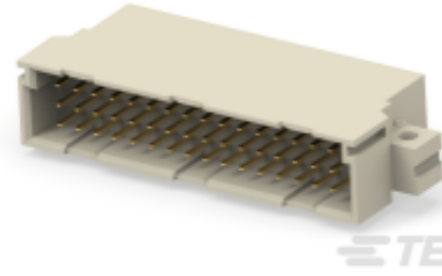
TE Part # 354382-E
STVR/2 48 MI ABC VVW 4-00 EE 6,0 * 247 E



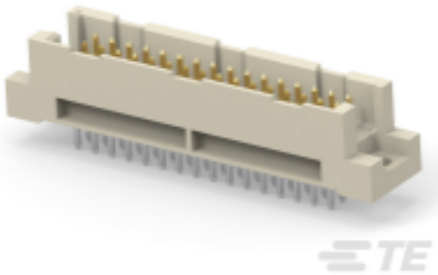
TE Part # 254324-E
STVC/2 48 M ABC VVW 4-00 0606 * * 247 E0



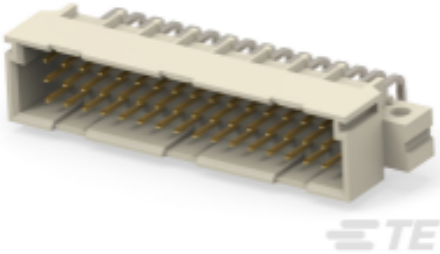
TE Part # 494135-E
STVC/2 48 M ABC VVW 4-00 0606 * 8360 207



TE Part # 354329-E
STVC/2 48 M ABC VVW 4-00 EE * * 247 E007

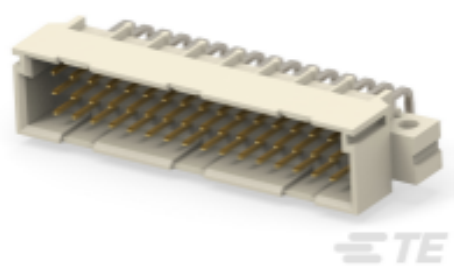


TE Part # 364921-E
STVR/2 48 MI ABC VVW 4-00 GA06 4,0 * 247



TE Part # 384576-E
STVC/2 48 M ABC VVW 4-00 0606 * * 137 E0

Customers Also Bought



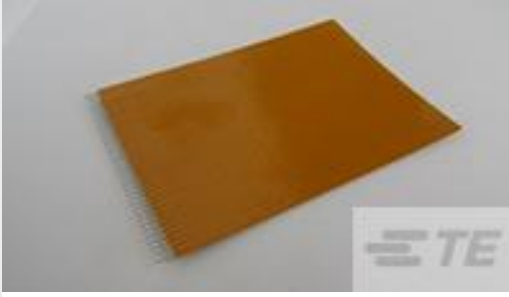
TE Part #254324-E
STVC/2 48 M ABC VVW 4-00 0606 * * 247 E0



TE Part #2-292173-5
CT BOX HDR H SMT 5P O/TAPE BLA



TE Part #1-1418362-3
62 POS MIXED HEADER CODA



TE Part #8-1437187-1
FST-22A-5



TE Part #5-1462037-4
IM41GR=IM RELAY 100mW 3V BIS

TE Part #1623469-1
CRG1206 1% 270K

TE Part #2-1761605-6
IDC LOW PRO HDR 16P RA BLUE

TE Part #9-1879022-1
SMF3 470R 1%

TE Part #1-2199230-4
M.2 0.5PITCH 4.2H KEY M 10U" AU

TE Part #7-6474640-3
FSN-21A

Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG_CVM_CVM_284174-E_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284174-E_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284174-E_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English