

254324-E ✓ ACTIVE

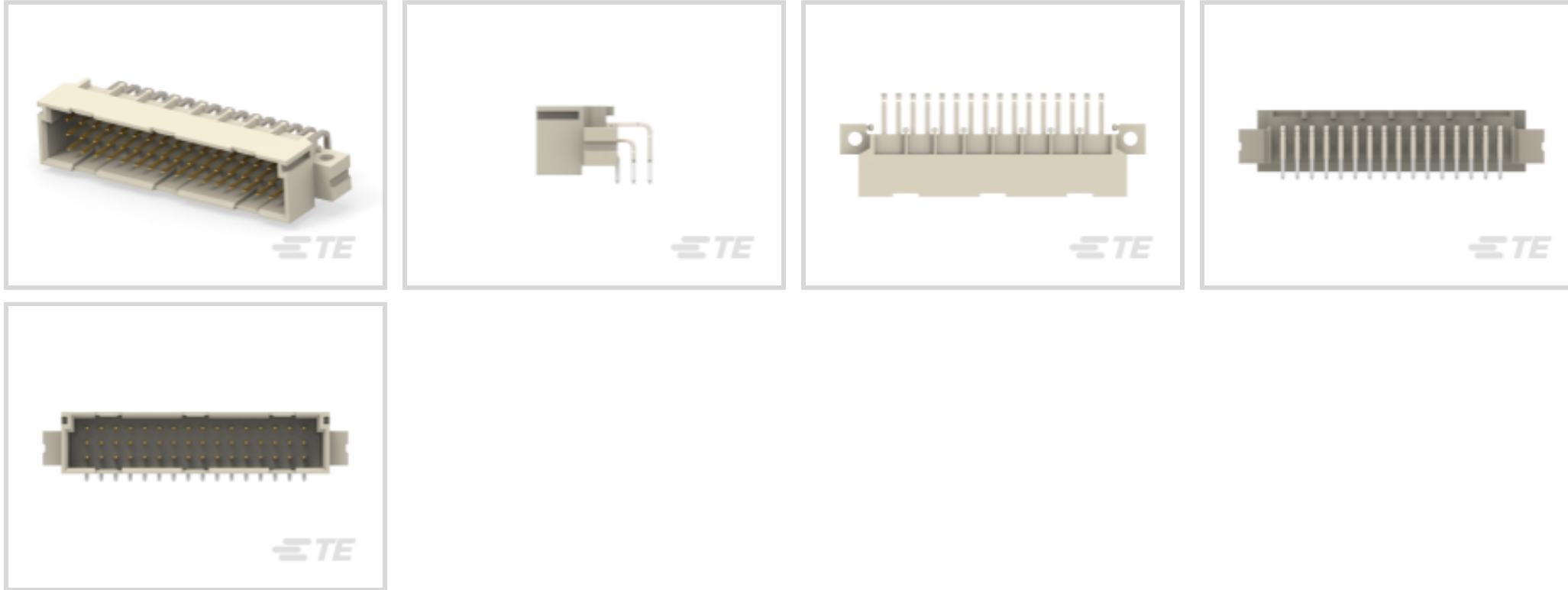
TE Internal #: 254324-E

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

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Contact Base Material	Copper Alloy
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Contact Type	Pin
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Termination Features

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

Connector Mounting Type	Board Mount
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Housing Features

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

Connector Width	53.9 mm
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Connector Height	11.1 mm
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Connector Length	12.7 mm
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Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	UL E84703
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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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



TE Part # 284540-E
STVR/2 48 FI 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



TE Part # 294762-E
STVC/2 48 F ABC VV 7-00 EE 2,9 * 247 E0



TE Part # 384202-E
STVC/2 41 M ABC 0387 4-00 0606 * 8235 24



TE Part # 234647-E
STVC/2 48 F ABC VV 7-00 EE 5,5 * 247 E0



TE Part # 254887-E
STVC/2 48 F ABC VV 7-00 EE 4,0 * 247 E0



TE Part # 284136-E
STVC/2 48 F ABC VV 7-00 EEUE 13,0 * 241



TE Part # 284164-E
STVB 32 F AB GG 7-00 TL 4,0 * 247 E007 1



TE Part # 284944-E
STVC/2 48 F ABC VV 7-00 TL 4,0 * 247 E0



TE Part # 354159-E
STVR/2 48 FI ABC VV 7-03 EE * * 247 E00



TE Part # 254895-E
STVC/2 48 F ABC VV 7-00 TL 4,0 * 137 E0



TE Part # 254498-E
STVC/2 48 F ABC VV 7-00 TL 2,5 * 247 E0



Customers Also Bought



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