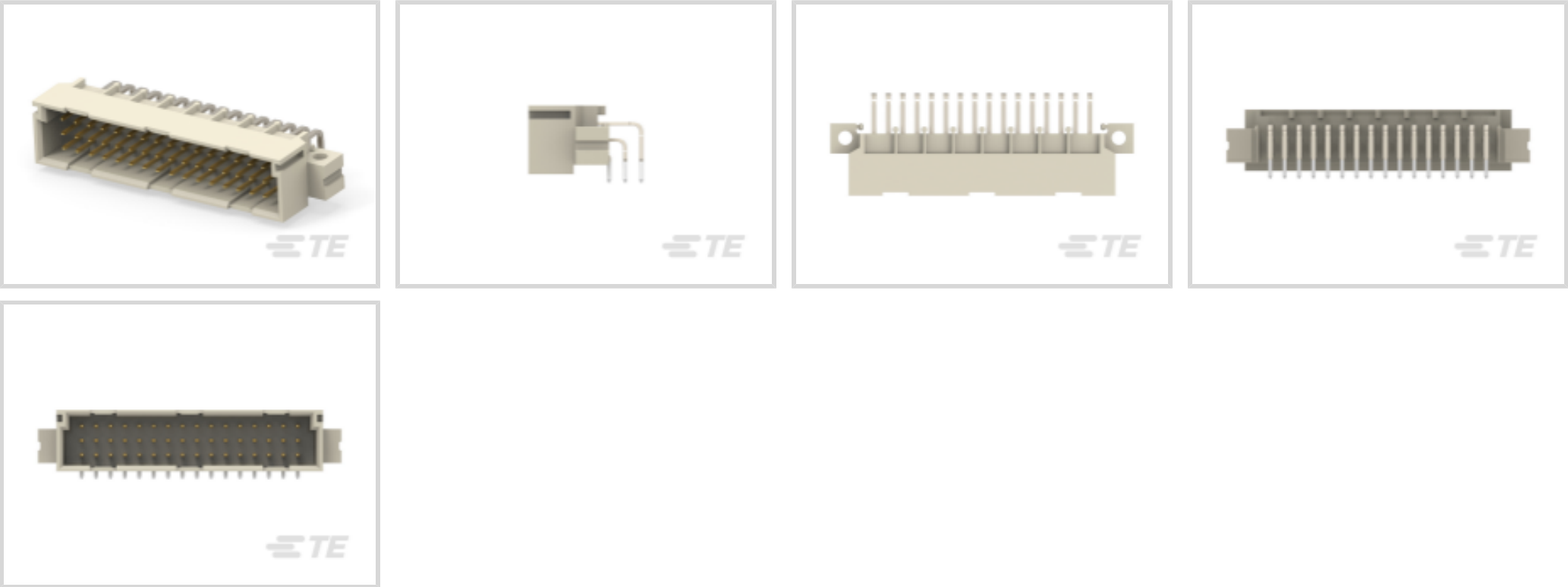




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



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
Number of Signal Positions	48
Rows Loaded	A, B, C

Contact Features

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Contact Type	Pin
Contact Base Material	Copper Alloy

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

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

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

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

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC

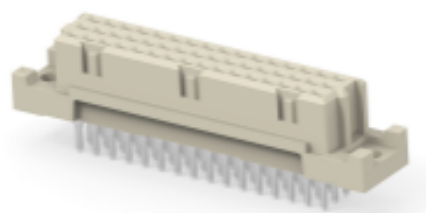
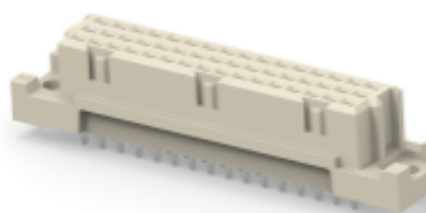
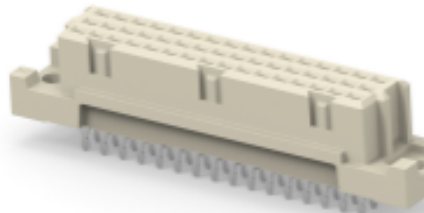
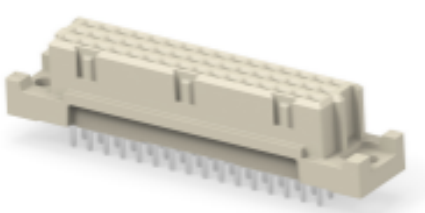
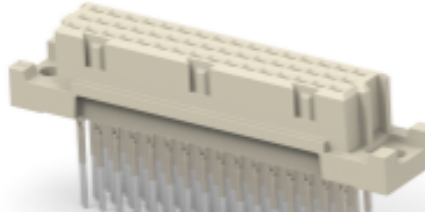
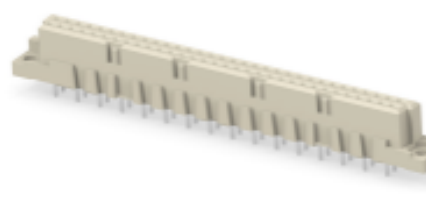
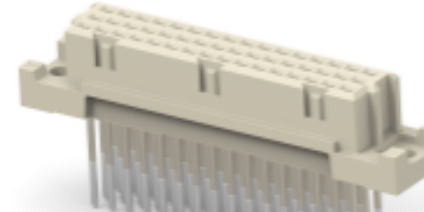
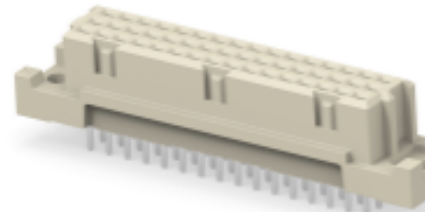
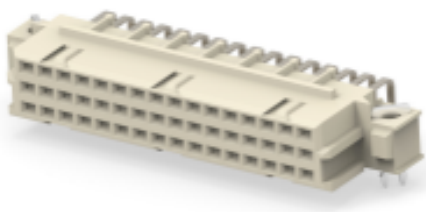
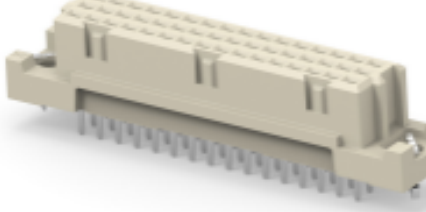
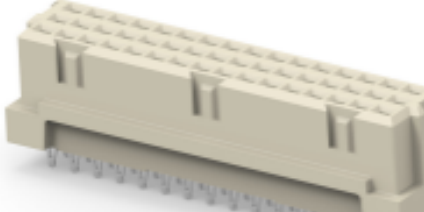
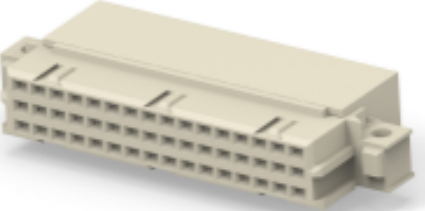


Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

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

 TE Part # 234647-E STVC/2 48 F ABC VV 7-00 EE 5,5 * 247 E0	 TE Part # 254498-E STVC/2 48 F ABC VV 7-00 TL 2,5 * 247 E0	 TE Part # 254887-E STVC/2 48 F ABC VV 7-00 EE 4,0 * 247 E0	 TE Part # 254895-E STVC/2 48 F ABC VV 7-00 TL 4,0 * 137 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 # 284172-E STVC/2 48 F ABC VV 7-00 0606 13,0 * 247	 TE Part # 284174-E STVC/2 48 F ABC VV 7-00 TL 4,0 * 247 E0
 TE Part # 284540-E STVR/2 48 FI ABC VV 7-03 TL * * 247 E 1	 TE Part # 284944-E STVC/2 48 F ABC VV 7-00 TL 4,0 * 247 E0	 TE Part # 294762-E STVC/2 48 F ABC VV 7-00 EE 2,9 * 247 E0	 TE Part # 354159-E STVR/2 48 FI ABC VV 7-03 EE * * 247 E00



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

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

Customers Also Bought

TE Part #1586514-2
03P CMNL HDR ASSY PC NATL LF

TE Part #4-794681-0
10P MICRO MNL ASSY,VRT,THRU,LF

TE Part #3-2176330-2
CRGP 2010 3K9 1%

TE Part #6-1625966-5
HSA10 180R 5%

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

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

TE Part #364915-E
STVC 96 M ABC VVW 4-00 0606 * * 247 E007

Documents

Product Drawings

STVC/2 48 M ABC VVW 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