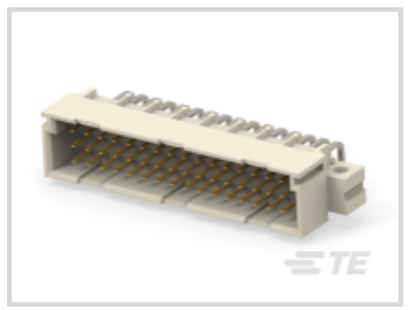
254324-E ✔ ACTIVE

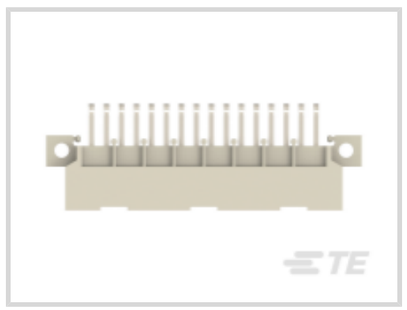
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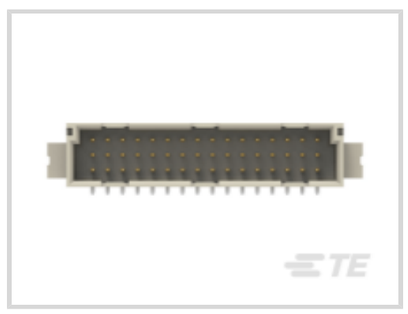
Plug, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, 16 Column, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

Connector System: **Board-to-Board**

Termination Post & Tail Length: **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
Performance 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[2.12 in]
Connector Height	11.1 mm[.437 in]
Connector Length	12.7 mm[.5 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: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.

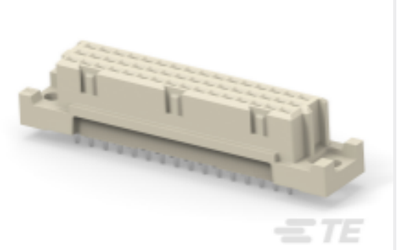
Solder Process Capability

Not reviewed for solder process capability

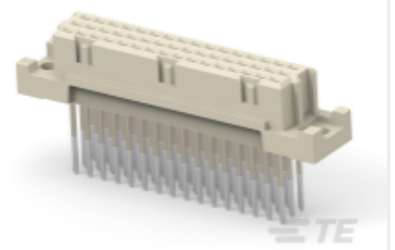
Product Compliance Disclaimer

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

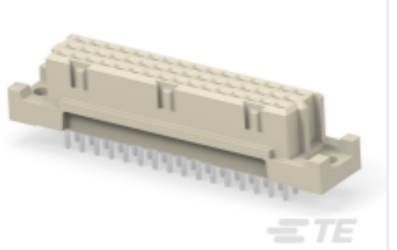
Compatible Parts



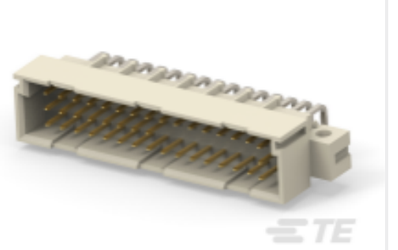
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TE Part # 284172-E
STVC/2 48 F ABC VVV 7-00 0606 13,0 * 247



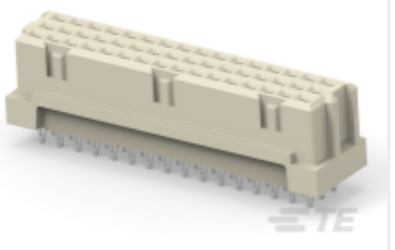
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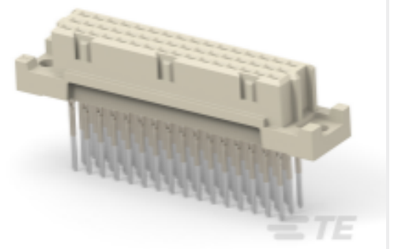
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STVC/2 41 M ABC 0387 4-00 0606 * 8235 24



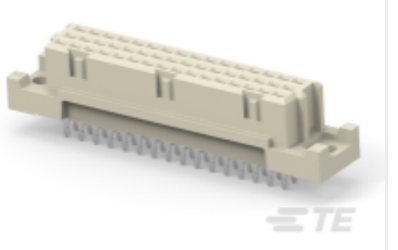
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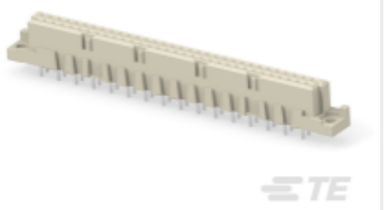
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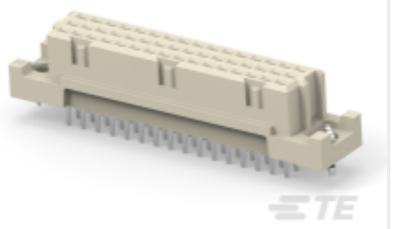
TE Part # 284136-E
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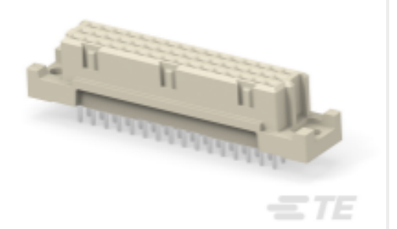
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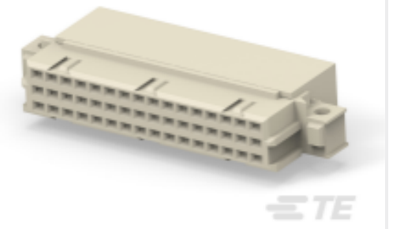
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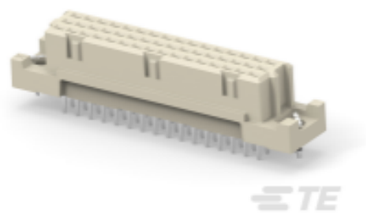
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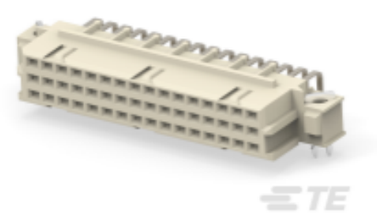
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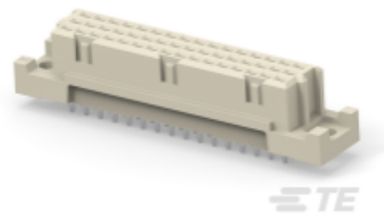


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TE Part # 284540-E
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Customers Also Bought



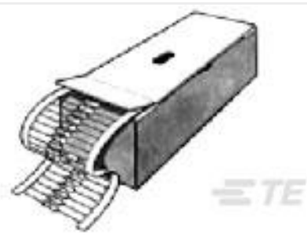
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TE Part #2-1614892-5
CPF 0805 1K47 0.1% 25PPM 1K RL



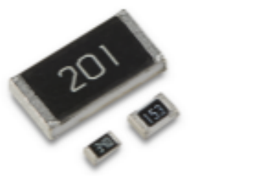
TE Part #4-1625868-7
RP 2A 0.25W 16R2 0.1% 25PPM 1K RL



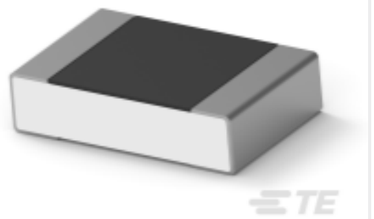
TE Part #2176081-7
EP 1W (S) 100R 5%



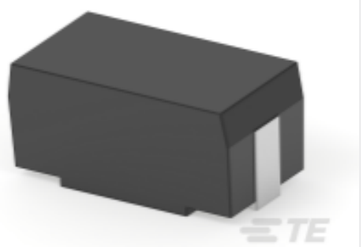
TE Part #2-2176230-4
3522 68R 5% 3W



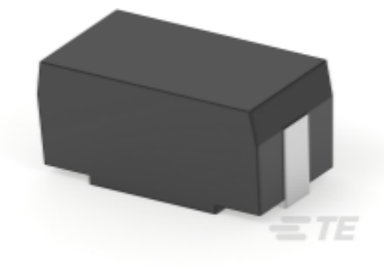
TE Part #3-2176330-9
CRGP 2010 15K 1%



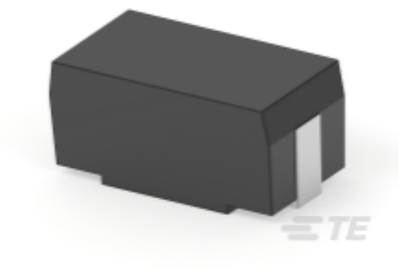
TE Part #2-2176378-1
RQ 0805 16R2 0.1% 10PPM 5K RL



TE Part #2176225-2
SMF3 1K5 5% CUSTOM



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



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

Documents

Product Drawings

STVC/2 48 M ABC VVV 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