5536386-5 ✔ ACTIVE

EUROCARD | Eurocard Type B

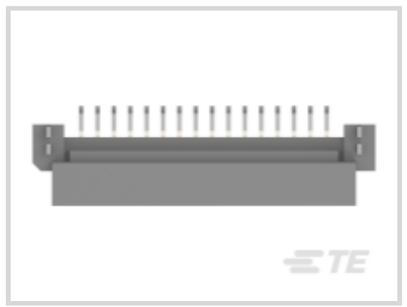
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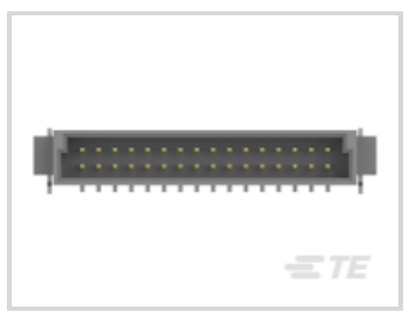
Plug, Board-to-Board, 32 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 2 Row, Right Angle, Eurocard Type B, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **2.64 mm [.104 in]**

Number of Positions: **32**

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

Number of Positions	32
Number of Rows	2
PCB Mount Orientation	Right Angle
Number of Columns	16
Number of Signal Positions	32
Rows Loaded	A, B

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Gray

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
Panel Mount Feature	Without
PCB Mount Retention	With
Mating Retention	Without
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
Mating Alignment	With
PCB Mount Alignment	With

Housing Features

Housing Material	Polymer - GF
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Width	8.56 mm[.337 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	12.62 mm[.497 in]
Connector Length	53.34 mm[2.1 in]

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476

Packaging Features

Packaging Method	Box & Tray, Package

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

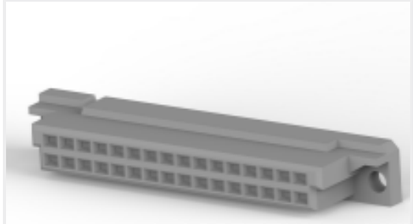
Product Compliance Disclaimer

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

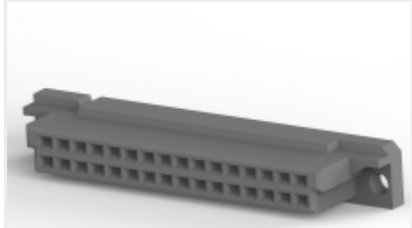
Compatible Parts



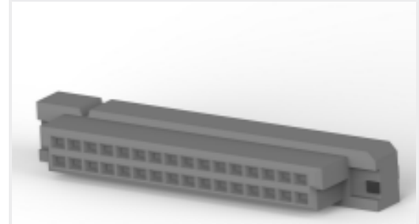
TE Part # 7-1393640-4
V42254B2201B320=PC612 FEDERLEI



TE Part # 5536446-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



TE Part # 5650858-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



TE Part # 5536461-5
ASSY,RECEPT,EURO,TYPE B,LEAD-FREE,32,.18

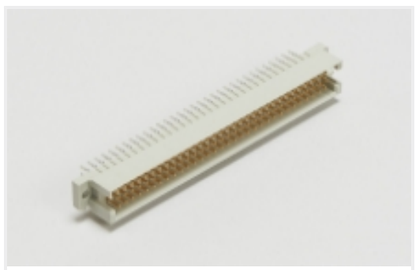


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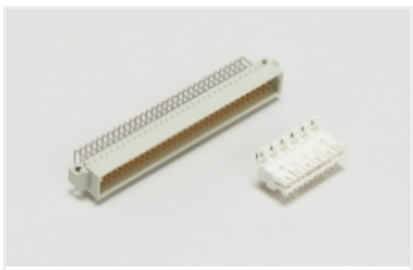


TE Part # 5536460-5
ASSY,RECEPT,EURO,TYPE B,LEAD-F

Also in the Series | Eurocard Type B



Eurocard Connectors(34)



Standard Edge Connectors(2)

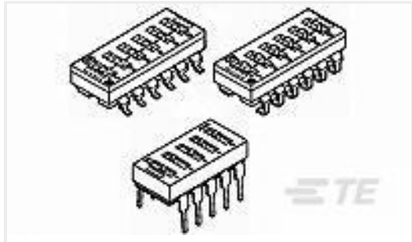
Customers Also Bought



TE Part #2-406549-1
IMJ,1X1,PNL GRD,LED(G/Y), SN



TE Part #440055-4
2.0MM,HDR,4POS,R/A



TE Part #1825360-1
ADE02A04=2 POS DIP SWITCH



TE Part #4-1879021-9
SMW3 10R 5%



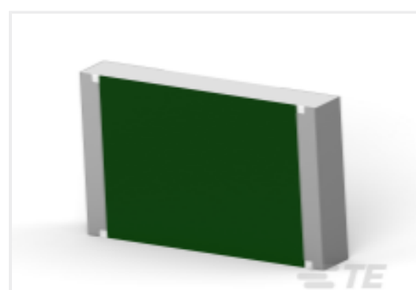
TE Part #7-1879129-8
RN 0402 2K21 0.1% 10PPM 5K RL



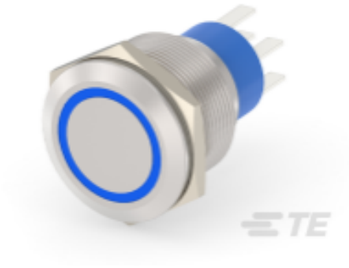
TE Part #4-2176325-3
CRGP 0402 33K 1%



TE Part #4-2176325-8
CRGP 0402 82K 1%



TE Part #2-2176402-6
3540 33K 5%



TE Part #7-2213772-9
AV22 DPL 3A MOVE RING LED BLUE 24V



TE Part #5747845-5
15 MSFL RCPT RA 318 (SL,FM,BL)

Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE B/2,LEA

English

CAD Files

Customer View Model

ENG_CVM_CVM_5536386-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5536386-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5536386-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English