1-1393641-1   ✓ ACTIVE

EUROCARD | Eurocard Type B

TE Internal #: 1-1393641-1

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

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors

Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.5 mm [.177 in]**

Number of Positions: **32**

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
DIN Size	Standard
DIN Level	II

Configuration Features

Number of Positions	32
Number of Rows	2
PCB Mount Orientation	Vertical
Number of Columns	16
Number of Signal Positions	32
Rows Loaded	A, C

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]

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Contact Layout	Inline
Contact Type	Socket
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin]
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.5 mm[.177 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	53.34 mm[2.1 in]
Connector Height	11.51 mm[.453 in]
Connector Width	8.05 mm[.317 in]
PCB Thickness (Recommended)	1.57 – 2.36 mm[.062 – .093 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

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Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

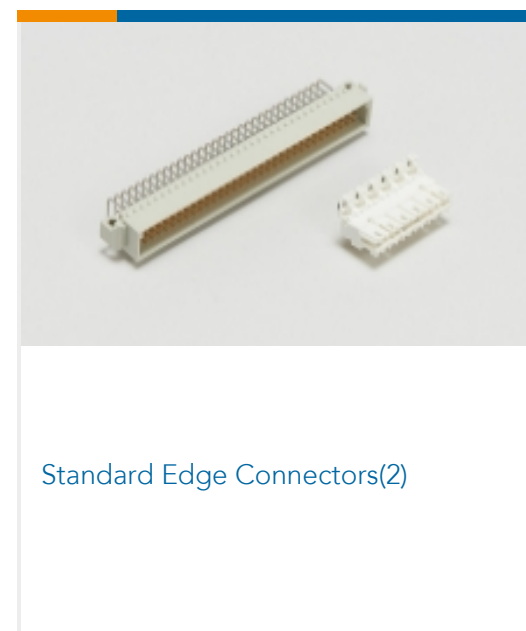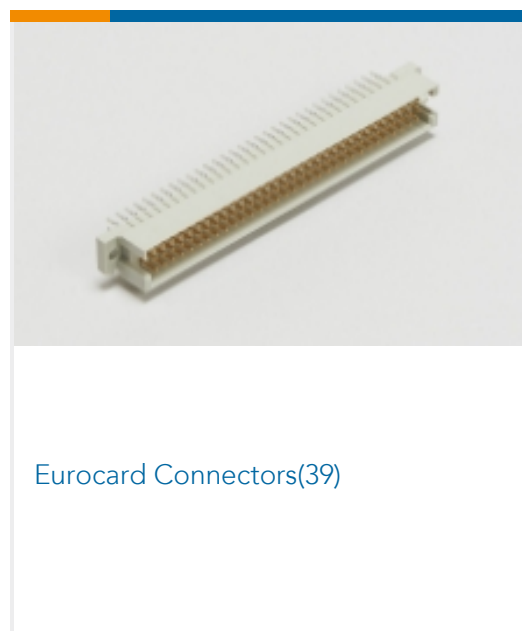| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°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

1-1393641-1

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TE Part # 5536386-5
ASSY,PIN,EUROCARD,TYPE B/2,LEA

TE Part # 536053-5
032 EURO TYPE B PIN ASSY

TE Part # 5536053-5
ASSY,PIN,EUROCARD,TYPE B/2,LEA

TE Part # 536386-5
032 EURO TYPE B PIN BDLK ASSY

Also in the Series | Eurocard Type B

Eurocard Connectors(39)

Standard Edge Connectors(2)

Customers Also Bought

TE Part #1676143-2
RN 0805 100R 0.1% 10PPM 1KRL

TE Part #536053-5
032 EURO TYPE B PIN ASSY

TE Part #350583-4
03P UMNL PIN HDR ASSY V2 LF

TE Part #3-1676481-1
CPF 0603 91R 0.1% 25PPM 1K RL

TE Part #2351886-5
5POS TB HDR 180 DEG, PITCH 3.5, TL 3.4mm

TE Part #3-2176245-6
CRGS1206 5% 820R

TE Part #4-2176374-5
RQ 0805 309R 0.1% 10PPM 1K RL

Documents

CAD Files
Customer View Model
ENG_CVM_CVM_1-1393641-1_A.2d_dxf.zip

English

3D PDF

3D

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Customer View Model

[ENG_CVM_CVM_1-1393641-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1393641-1_A.3d_stp.zip](#)

English

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Product Environmental Compliance

[Product Compliance](#)

English

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English