

7-1393640-8 ✓ ACTIVE

EUROCARD | Eurocard Type B

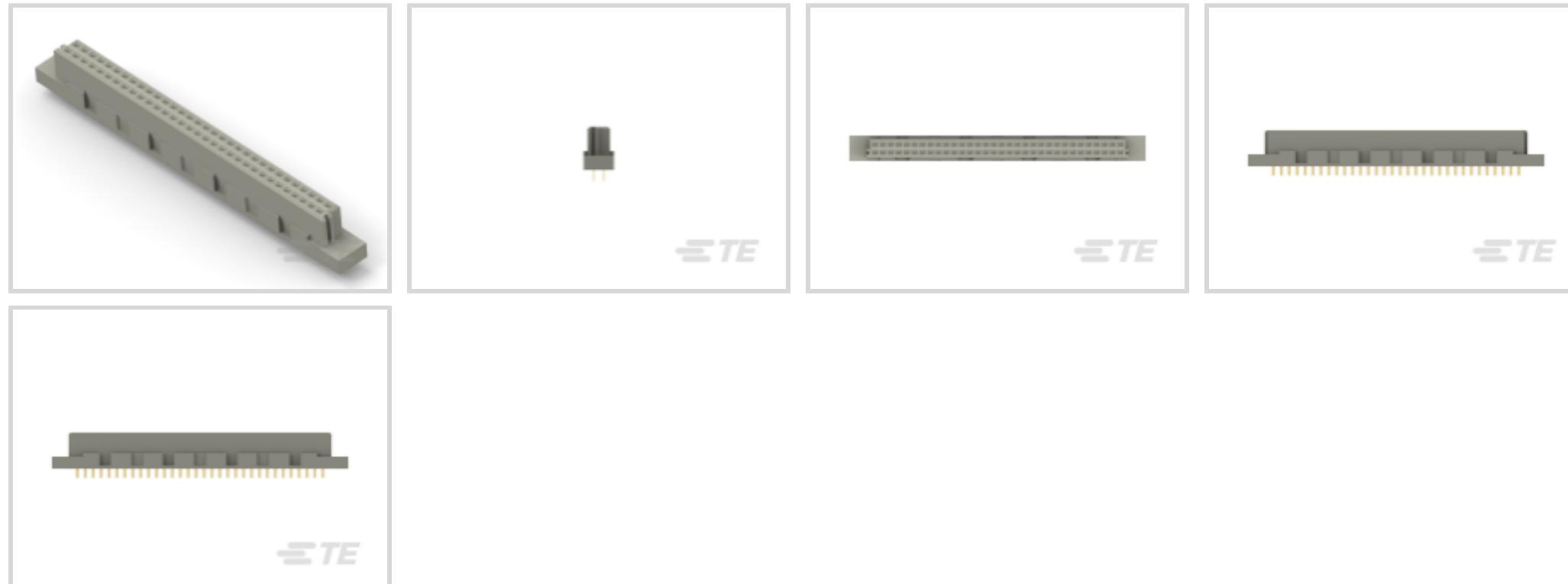
TE Internal #: 7-1393640-8

Eurocard Connectors, Receptacle, Board-to-Board, 64 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 2 Row, Vertical, Eurocard Type B

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.9 mm [.114 in]**

Number of Positions: **64**

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	64
Number of Rows	2
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, B

Contact Features

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

Contact Type

Inline

Contact Underplating Material Thickness

Socket

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

2.9 mm[.114 in]

Mechanical Attachment

Mating Alignment Type

Polarization

Mating Retention

Without

Mating Alignment

With

PCB Mount Alignment

Without

Panel Mount Feature

Without

PCB Mount Retention

With

PCB Mount Retention Type

Boardlock

Connector Mounting Type

Board Mount

Housing Features

Housing Material

Polyester - GF

Centerline (Pitch)

2.54 mm[.1 in]

Dimensions

Connector Length

93.98 mm[3.7 in]

Connector Height

11.51 mm[.453 in]

Connector Width

8.05 mm[.317 in]

PCB Thickness (Recommended)

1.57 mm[.062 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

Industry Standards

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

Packaging Features

Packaging Method	Box & Tray, Tray
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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: JAN 2024 (240) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 240°C

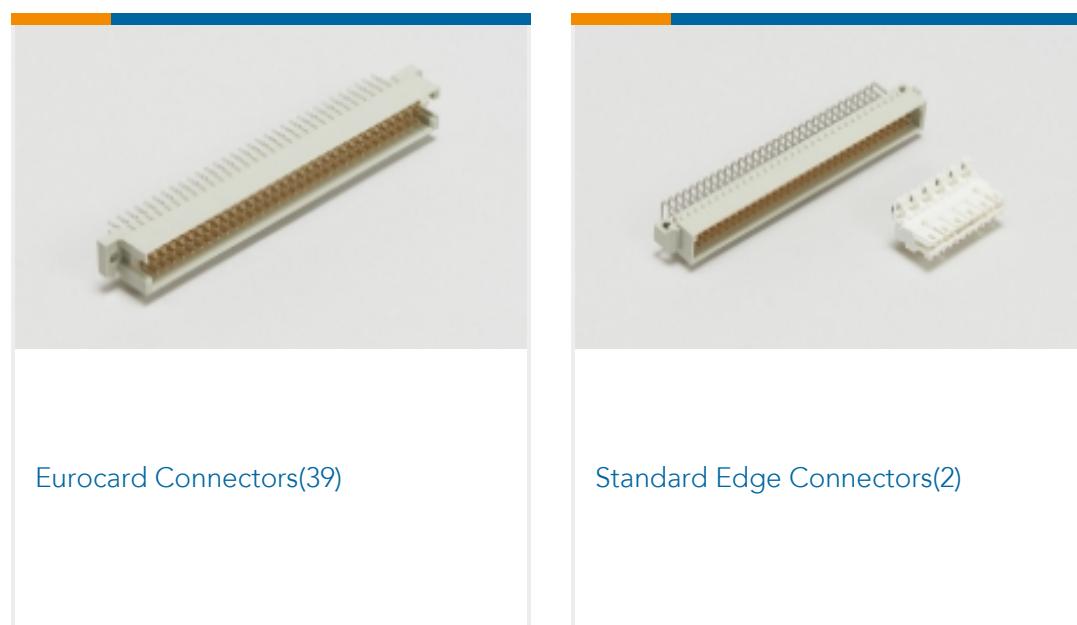
Product Compliance Disclaimer

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



Also in the Series | Eurocard Type B



Customers Also Bought



Documents

Product Drawings

[V42254B2201B640=PC612 FEDERLEI](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_7-1393640-8_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_7-1393640-8_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_7-1393640-8_A.3d_stp.zip](#)

English

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