

536052-5 ✓ ACTIVE

EUROCARD | Eurocard Type B

TE Internal #: 536052-5

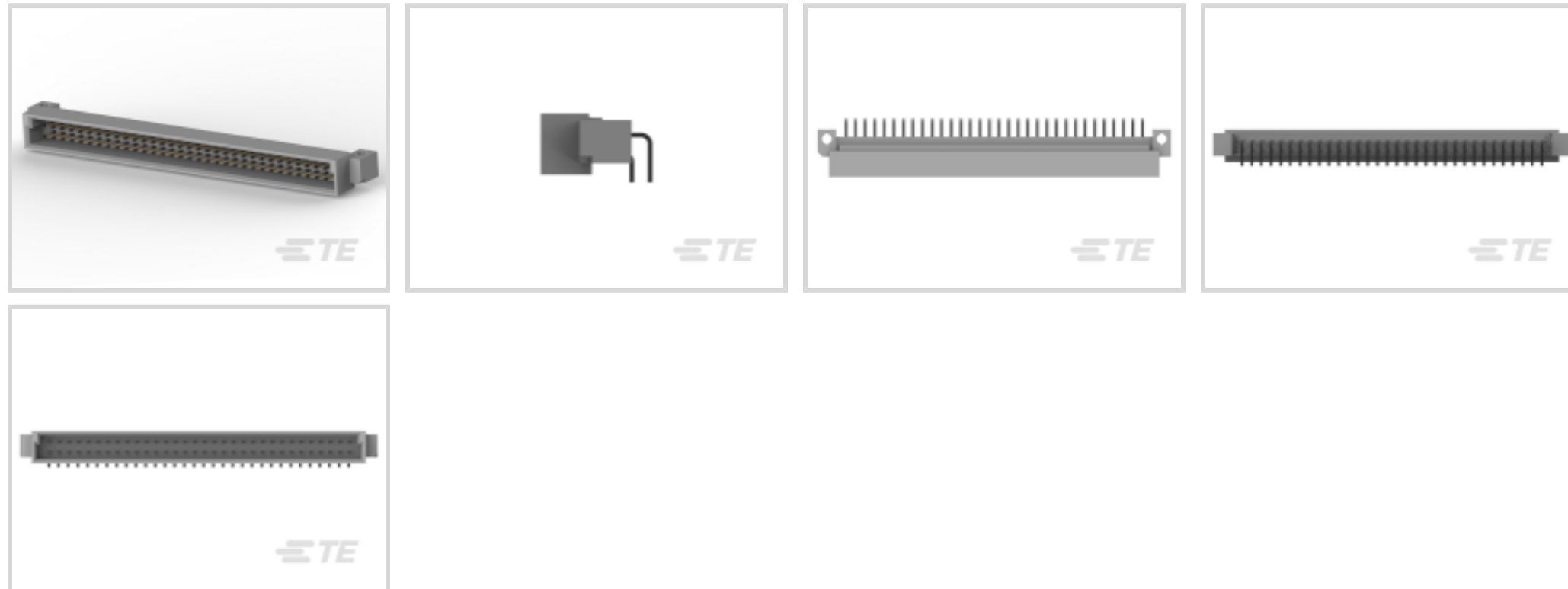
Eurocard Connectors, Plug, Board-to-Board, 64 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 2 Row, Right Angle, Eurocard Type B

Eurocard Type B

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **5.59 mm [.22 in]**

Number of Positions: **64**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
DIN Level	II and III

Configuration Features

Number of Positions	64
Number of Rows	2
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	B

Contact Features



Contact Cross Section	.51 x 1.35 mm
Contact Layout	Inline
Contact Mating Area Length	4.93 mm[.194 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
Contact Type	Pin
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
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Brass

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	5.59 mm[.22 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	Mounting Ears
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Length	93.98 mm[3.7 in]
Connector Height	12.62 mm[.497 in]
Connector Width	8.56 mm[.337 in]
Row-to-Row Spacing	2.54 mm[.1 in]



Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Rating	Recognized
CSA Certified	Yes
UL File Number	E28476
CSA File Number	LR 7189

Packaging Features

Packaging Method	Box & Tray, Package
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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



TE Part # 5650860-5
ASSEMBLY,RECEPTACLE,EUROCARD,TYPE B



TE Part # 7-1393640-8
V42254B2201B640=PC612 FEDERLEI



TE Part # 5650861-5
ASSEMBLY,RECEPTACLE,EUROCARD,TYPE B



TE Part # 650861-4
064 EURO TYPE B RECEPT ST ASSY



TE Part # 5650859-5
ASSEMBLY,RECEPTACLE,EUROCARD,TYPE B



TE Part # 5650861-4
ASSEMBLY,RECEPTACLE,EUROCARD,TYPE B,LEAD



TE Part # 650860-5
064 EURO TYPE B RECEPT ST ASSY



TE Part # 650861-5
064 EURO TYPE B RECEPT ST ASSY



TE Part # 5650865-5
ASSY,RECEPTACLE,EUROCARD,TYPE B,LEAD-FRE

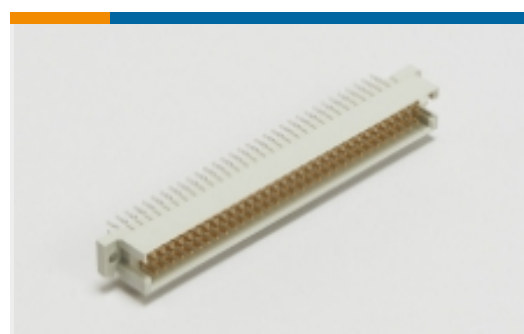


TE Part # 650859-5
064 EURO TYPE B RECEPT ST ASSY

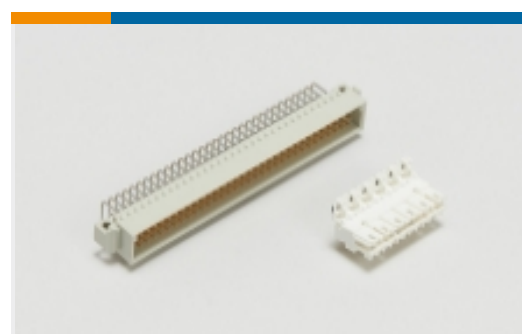


TE Part # 3-1393642-2
V42254B2290B404=PC612 FEDERLEI

Also in the Series | Eurocard Type B

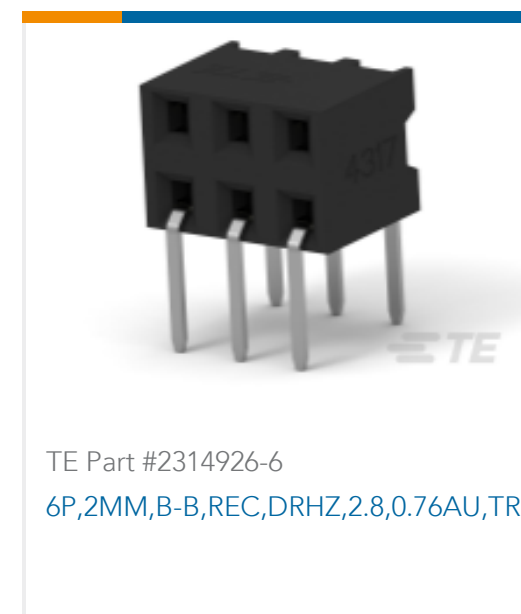


Eurocard Connectors(42)



Standard Edge Connectors(2)

Customers Also Bought



Documents

Product Drawings

[064 EURO TYPE B PIN ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_536052-5_M.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_536052-5_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_536052-5_M.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English

Product Environmental Compliance

[MD_536052-5_1207201586_dmtec](#)

English

[MD_536052-5_1207201586_dmtec](#)

English