

5650934-5 ✓ ACTIVE

EUROCARD | Eurocard Type R

TE Internal #: 5650934-5

Eurocard Connectors, Plug, Wire-to-Board, 64 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Vertical, 32 Column, Eurocard Type R

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **4.57 mm [.18 in]**

Number of Positions: **64**

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

Features

Product Type Features

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

Configuration Features

Mating & Unmating Configuration	Make First / Break Last
Number of Positions	64
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, C



Contact Features

Contact Cross Section	.64 x .64 mm [.025 x .025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm
Contact Type	Pin
Contact Mating Area Plating Material Thickness	3.3 µm
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.57 mm [.18 in]

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	11.51 mm [.453 in]
PCB Thickness (Recommended)	1.57 mm
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

Circuit Application	Signal
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Packaging Features

Packaging Method	Box
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Product Compliance

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

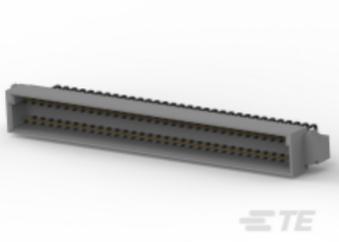
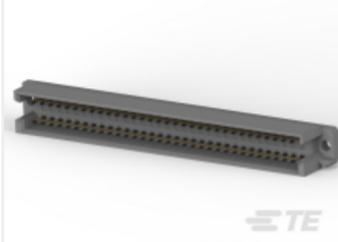
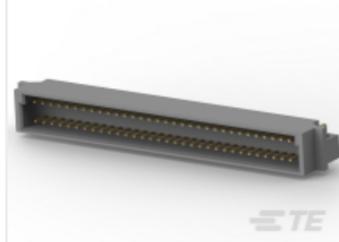
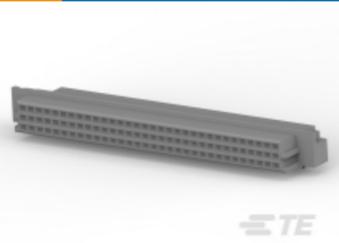
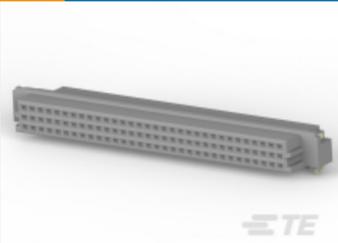
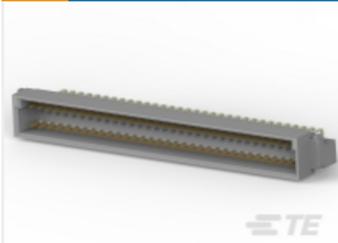
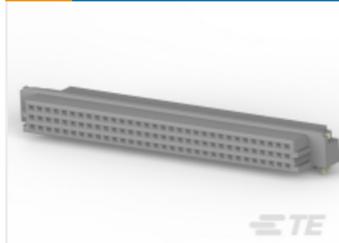


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

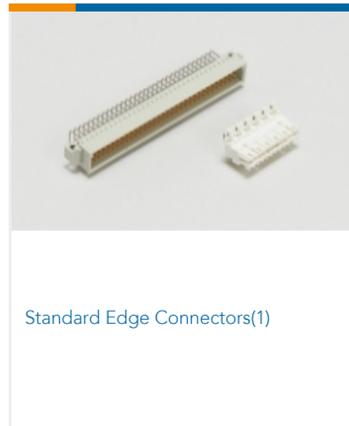
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 5650945-5 ASSY,PIN,EUROCARD,TYPE C,LEAD-</p>	 <p>TE Part # 5650870-4 ASSEMBLY,RECEPTACLE,EURO,TYPE</p>	 <p>TE Part # 5650933-5 ASSY,PIN,EUROCARD,TYPE R,LEAD-</p>	 <p>TE Part # 9-1393644-4 V42254B1200C963=PC612 MESSERLE</p>
 <p>TE Part # 5650870-5 ASSEMBLY,RECEPTACLE,EURO,TYPE</p>	 <p>TE Part # 5650897-5 ASSY,RECEPT,EURO,TYPE R,L-FREE, A&C,64/96</p>	 <p>TE Part # 650945-5 064 EURO TYPE C PIN ST ASSY</p>	 <p>TE Part # 5650897-4 ASSY,RECEPT,EURO,TYPE R,L-FREE, A&C,64/96</p>



Also in the Series | Eurocard Type R



Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE R,LEAD-

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5650934-5_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5650934-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5650934-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English