

650945-5 ✓ ACTIVE

EUROCARD

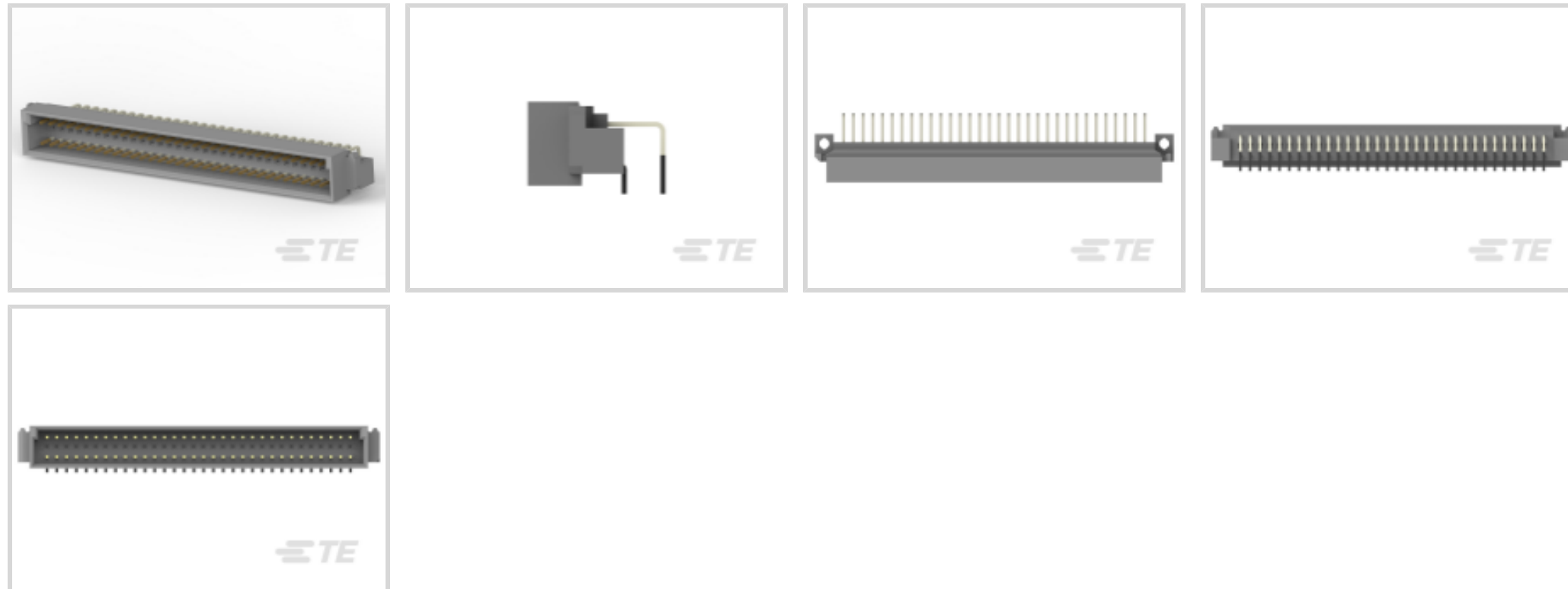
TE Internal #: 650945-5

Eurocard Connectors, Plug, Board-to-Board, 64 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, 32 Column

[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: **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

Configuration Features

Number of Positions	64
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Power or Coaxial Positions	64
Number of Signal Positions	64
Rows Loaded	A, C



Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Cross Section	.64 x .64 mm [.025 x .025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μ m [100 – 200 μ in]
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 μ m [30 μ in]
Contact Mating Area Plating Material	Gold
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	2.64 mm [.104 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	12.62 mm [.497 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	Power & Signal

Industry Standards



UL Flammability Rating	UL 94V-0
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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 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 # 5650933-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part # 5650408-4
ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part # 5650458-5
ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part # 9-1393640-3
V42254B2201C963=PC612 FEDERLEI



TE Part # 5650951-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-



TE Part # 5650870-5
ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part # 5535059-4
ASSY,RECEPTACLE,EURO,TYPE C,L-FREE,A&C,6



TE Part # 5650897-4
ASSY,RECEPT,EURO,TYPE R,L-FREE,A&C,64/96



TE Part # 4-1393637-9
V42254P2263C963=PC612 FEDERLEI



TE Part # 5536356-5
ASSY,PIN,EUROCARD,"C",LEAD-FREE,A&C,64/9



TE Part # 5650934-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part # 5650956-5
ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part # 1-148167-5
064 EURO TYP C RECP 13MM ASSY



TE Part # 5650912-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,A&C,6



TE Part # 827803-1
96 POS HOUSING ASSY



TE Part # 2-1393640-5
V42254B2102C963=PC612 FEDERLEI

Customers Also Bought



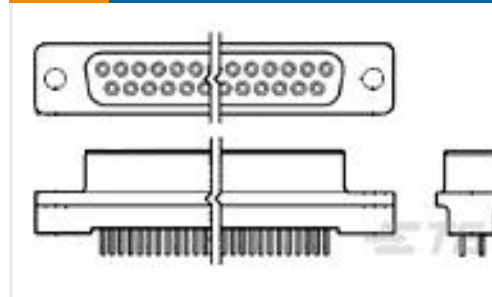
TE Part # 5786555-7
68 50SR VRT RCPT,FL TOP,ACT PN



TE Part # 5745992-3
25 MSFL RCPT RA 590 (IN,FM)



TE Part # 5745072-4
HD-20 PLUG 15P VERT FFSCRLK



TE Part # 5745076-6
HD-20 RCPT 9P VERT FFSCRLK



Documents

Product Drawings

064 EURO TYPE C PIN ST ASSY

English

064 EURO TYPE C PIN ST ASSY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_650945-5_U_c-650945-5-u.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_650945-5_U_c-650945-5-u.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_650945-5_U_c-650945-5-u.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English