

EUROCARD

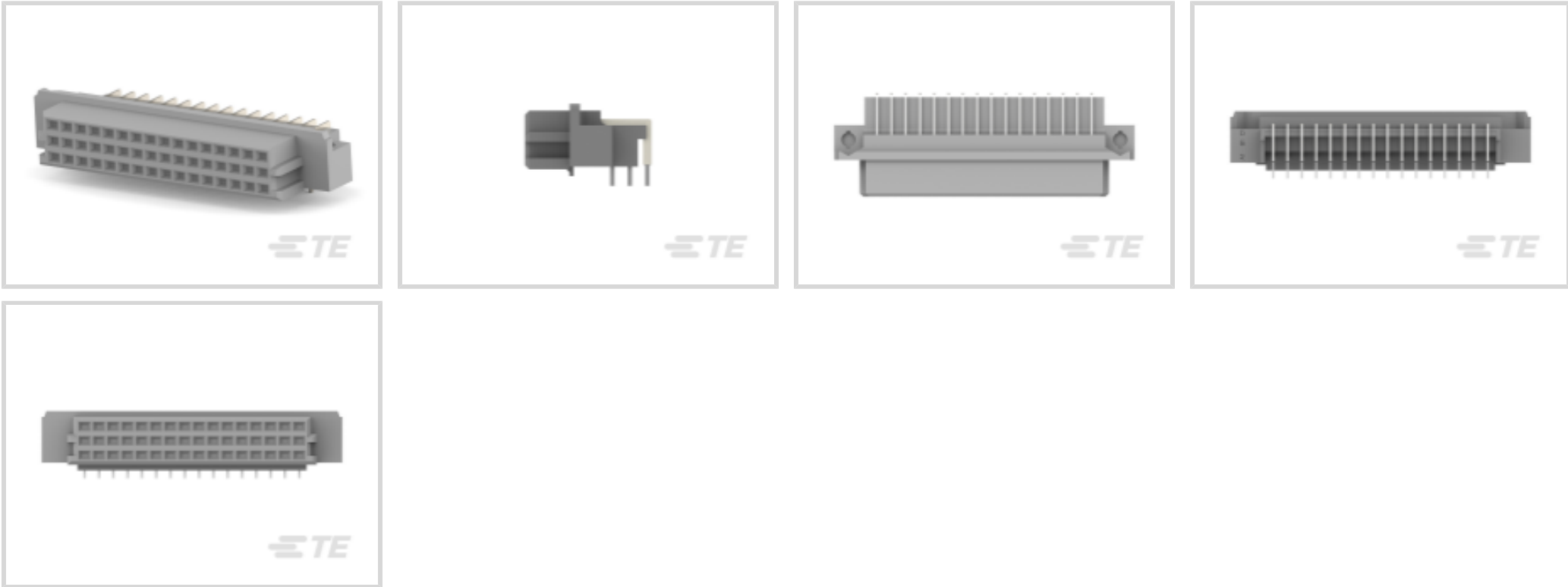
TE Internal #: 5650868-5

Receptacle, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline,  
Printed Circuit Board, 3 Row, Right Angle, 16 Column, Eurocard  
Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**  
Connector System: **Board-to-Board**  
Termination Post & Tail Length: **2.79 mm [.11 in]**  
Number of Positions: **48**  
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	Half
DIN Level	II

Configuration Features

Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	16
Number of Signal Positions	48
Rows Loaded	A, B, C

Body Features

Primary Product Color	Gray
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Contact Features

Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.79 mm[.11 in]

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Glass-Filled Polymer
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

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

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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

 TE Part # 5650479-5 ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48	 TE Part # 5535070-5 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5650916-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA	 TE Part # 5650478-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA
 TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48	 TE Part # 5536397-5 ASSY,RECEPT,EURO,TYPE C/2,LEAD	 TE Part # 5650477-5 ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48	 TE Part # 5650948-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA







TE Part # 650477-5  
048 EURO TYPE R PIN ST ASSY




TE Part # 650918-5  
048 EURO TYPE R PIN AP ASSY




TE Part # 650479-5  
048 EURO TYPE R PIN ST ASSY



TE Part # 650478-5  
048 EURO TYPE C PIN ST ASSY




TE Part # 5650917-5  
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48




TE Part # 2-1393659-6  
V42254B1201R480=PC612 MESSERLE


Customers Also Bought




TE Part #2205060-3  
CA MICRO-MATCH MOW-MOW 4POS




TE Part #2-746610-1  
010 DIP PLUG 100CL TIN




TE Part #1622603-1  
LR1L 5% R47



TE Part #2-2176412-4  
5W XSM M/OX 5% 47R



TE Part #1-215570-0  
MICRO-MATCH PBC.10P



TE Part #284172-E  
STVC/2 48 F ABC VVW 7-00 0606 13,0 \* 247



TE Part #1483353-2  
MICRO-MATCH LEAD 10P 150MM

Documents

Product Drawings  
ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_5650868-5\_A.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_5650868-5\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5650868-5\\_A.3d\\_stp.zip](#)

English

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Product Specifications

Application Specification

English

Application Specification

English