

EUROCARD

TE Internal #: 2-166010-1

Eurocard Connectors, Receptacle, Board-to-Board, Termination

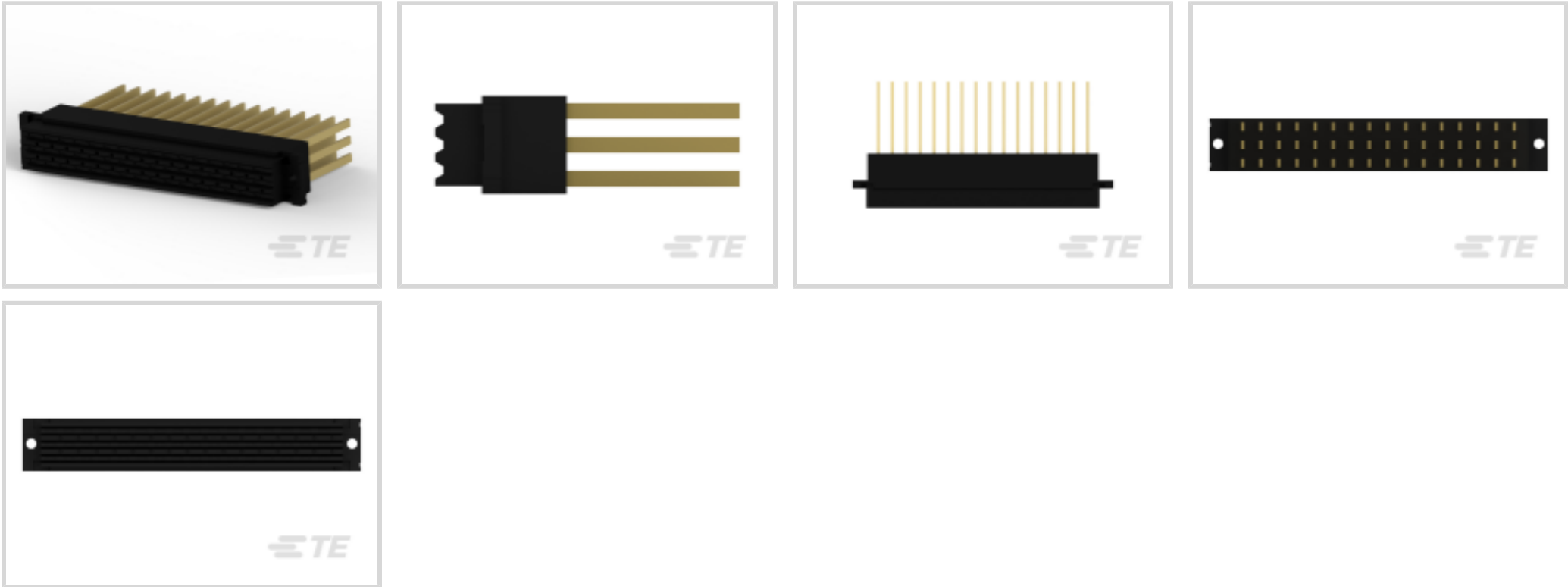
Post & Tail Length 26 mm [1.024 in], 48 Position, 5.08mm [.2in]

Centerline

[View on TE.com >](#)



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **26 mm [ 1.024 in ]**

Number of Positions: **48**

Centerline (Pitch): **5.08 mm [ .2 in ]**

Features

Product Type Features

Eurocard Connector Configuration Type	Type F
Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Standard
DIN Level	I

Configuration Features

Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	16
Number of Signal Positions	48
Rows Loaded	Z, B, D



Contact Features

Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 µm
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5.5 A

Termination Features

Termination Post & Tail Length	26 mm[1.024 in]
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Mechanical Attachment

Mating Retention	With
Mating Alignment	Without
Panel Mount Feature	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Polycarbonate GF
Housing Color	Gray
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Row-to-Row Spacing	3.81 mm[.15 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

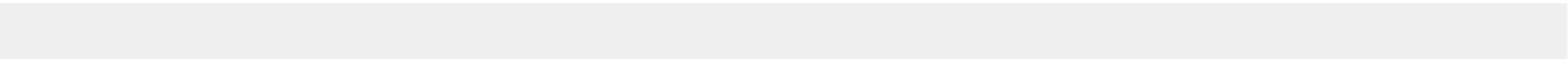
UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Method	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 2021 (211) Candidate List Declared Against: JUN 2012 (84) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

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



Customers Also Bought



TE Part #T4131012021-000  
M12, REAR MOUNT, FEMALE, A, 2P,  
SOLDER WIRE

TE Part #1-1625827-1  
TL3A R068 1%

TE Part #1-1879215-5  
CPF 0402 5K62 0.1% 25PPM 1K RL

TE Part #1676362-2  
RN 0805 4K87 0.1% 10PPM 1KRL

TE Part #166569-1  
IEC FEMALE HSG. ASSY

TE Part #178762-1  
040/070 HYBRID CAP ASSY 26P

TE Part #1393803-8  
V23100V6003A112

TE Part #1-1478404-0  
BNC Str Plg PS 75Ohm Silver RG59B  
/U, 62A

Documents

Product Drawings  
48P.IEC-F FEM.CONN.

English

CAD Files  
3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_2-166010-1\_G.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_2-166010-1\_G.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_2-166010-1\_G.3d\_stp.zip

English

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