

EUROCARD

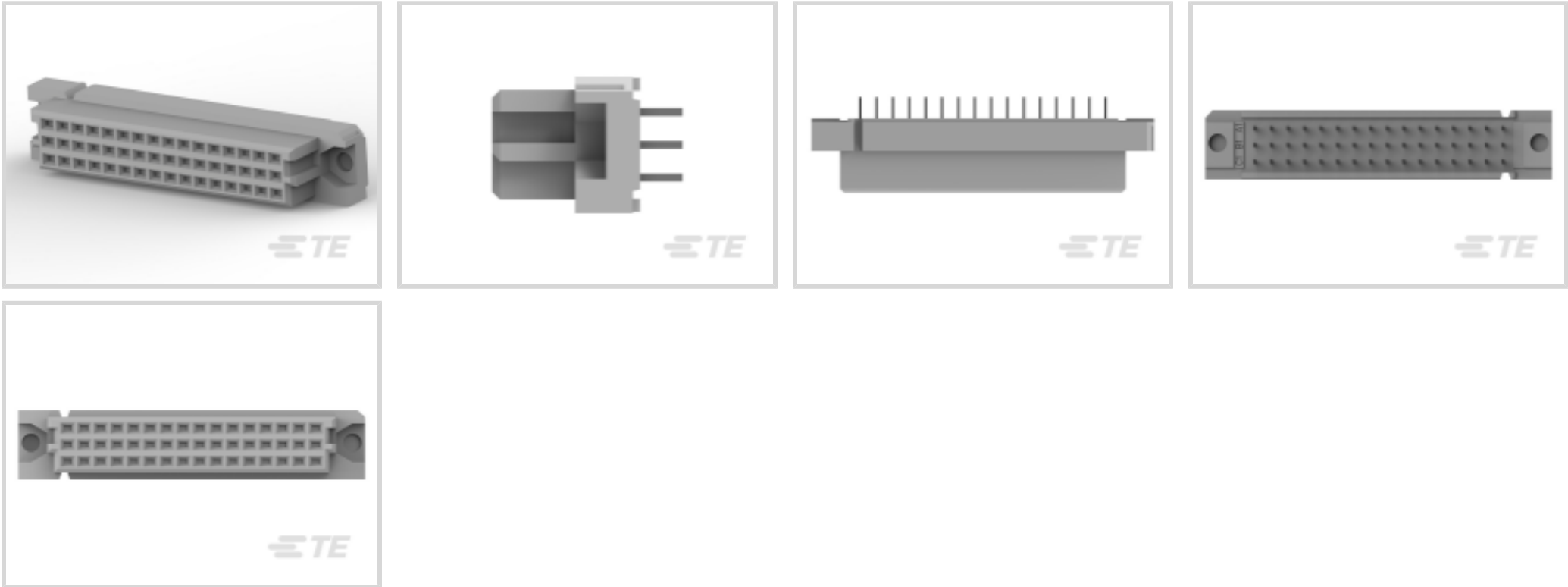
TE Internal #: 5535070-5

Receptacle, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Vertical, 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: **3.3 mm [.13 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	Standard
DIN Level	II

Configuration Features

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

Contact Features

Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.3 mm[.13 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	6.4 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

Shielded	No
Circuit Application	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
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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

 TE Part # 1393640-7 V42254B2101C480=PC612 FEDERLEI	 TE Part # 536407-5 048 EURO TYPE C PIN BL ASSY	 TE Part # 1393642-9 V42254B2240C480=PC612 FEDERLEI	 TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48
 TE Part # 650478-5 048 EURO TYPE C PIN ST ASSY	 TE Part # 148020-5 048 EURO TYPE C PIN BL ASSY	 TE Part # 1-5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48	 TE Part # 1377389-1 48P.IEC-F MALE CONN



TE Part # 5148098-5
ASSY, EURO, TYPE R, RECEPT, W/



TE Part # 5148472-4
ASSY,PIN,EUROCARD,TYPE R/2,L-FREE,48 POS



TE Part # 216398-4
48P.IEC-C MALE CONN



TE Part # 5650918-5
ASSY,PIN,EUROCARD,TYPE R/2,LEA



TE Part # 5535070-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 535091-5
048 EURO TYPE C RECEPT ST ASSY



TE Part # 5650868-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 650916-5
048 EURO TYPE C PIN BL ASSY



TE Part # 1-5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD



TE Part # 5148474-1
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



TE Part # 5535071-4
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 5536397-5
ASSY,RECEPT,EURO,TYPE C/2,LEAD

Customers Also Bought



TE Part #8-1393252-7
W67-X2Q52-5=M6/M7/M9/W6/W7



TE Part #1-1747276-2
DYNAMIC D4200 REC HSG 2P/X



TE Part #1747499-2
DYNAMIC D4200 REC CONT M/LP



TE Part #1-1827872-1
DYNAMIC 1100D HDR ASSY V 22P BLACK GOLD



TE Part #CAT-D9934-A15F
Header Assembly: Wire-to-Board, 5A, gold or tin plated



TE Part #7-2176070-0
3521 7K5 1% 2W



TE Part #3-2176331-3
CRGP 2512 4K7 1%



TE Part #5-2176421-2
TLRP 2512 2.0W R018 1% 50PPM 4K RL



Documents

Product Drawings

[ASSY,RECEPTACLE,EUROCARD,TYPE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5535070-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5535070-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5535070-5_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[CHAMP Action Pin Connectors](#)

English

[Application Specification](#)

English

Agency Approvals

[UL](#)

English