

EUROCARD

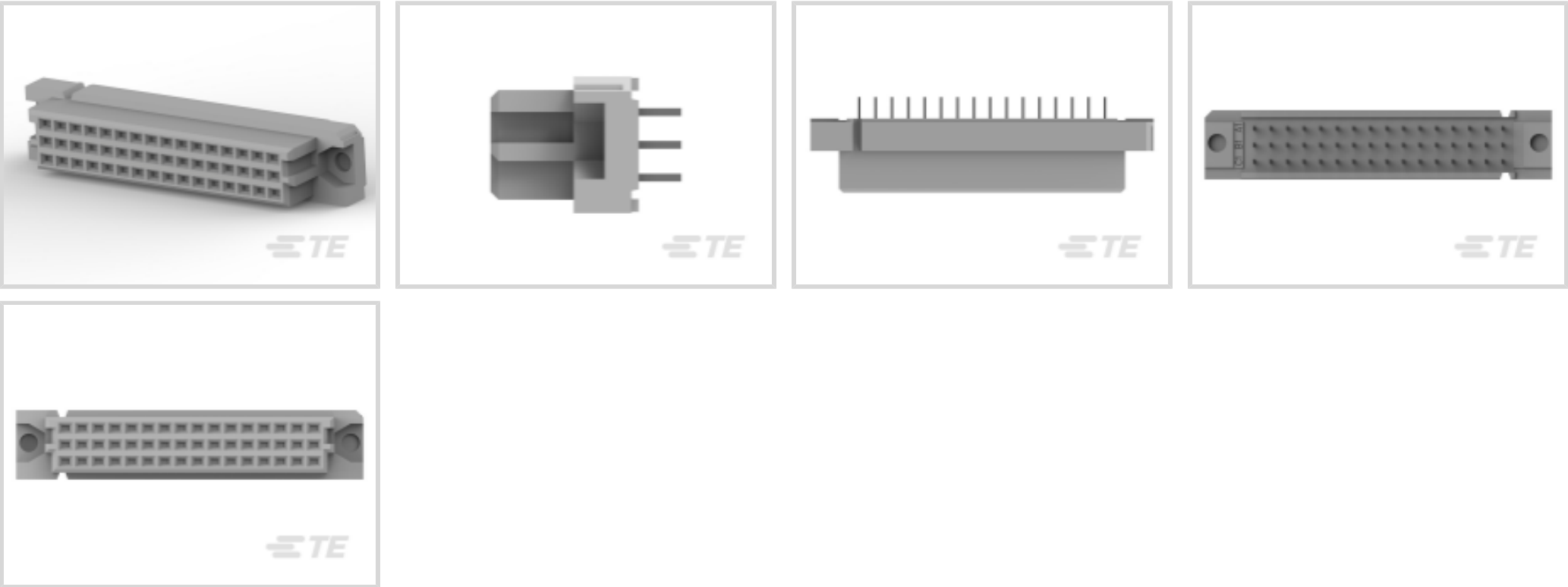
TE Internal #: 5535070-5

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

[View on TE.com >](#)



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
Number of Signal Positions	48
Rows Loaded	A, B, C

Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	3.3 mm[.13 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	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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

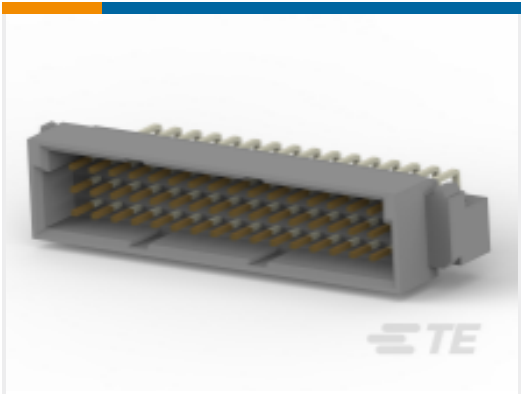
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

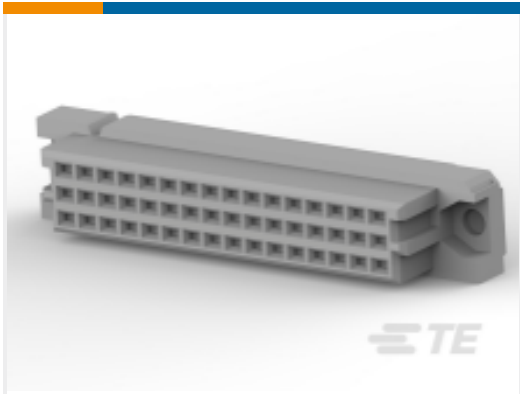
 TE Part # 5650479-5 ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48	 TE Part # 5535091-5 ASSEMBLY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5535071-4 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5650868-5 ASSY,RECEPTACLE,EUROCARD,TYPE R/2,LEAD-F
 TE Part # 5650918-5 ASSY,PIN,EUROCARD,TYPE R/2,LEA	 TE Part # 5650868-4 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 8-1393644-0 V42254B1200C480=PC612 MESSERLE	 TE Part # 8-1393640-5 V42254B2201C480=PC612 FEDERLEI



TE Part # 5650916-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part # 5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



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



TE Part # 5536484-5
ASSY,RECEPT,EURO,TYPE C/2,L-FR



TE Part # 5535034-4
ASSY,RECEPTACLE,EUROCARD,TYPE C/2,L-FREE



TE Part # 1377389-1
48P.IEC-F MALE CONN



TE Part # 5650893-5
ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,



TE Part # 5148020-5
ASSY,PIN,EURO,"C/2",L-FREE,48



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



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



TE Part # 1-5148020-5
ASSY,PIN,EURO,"C/2",L-FREE,48



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

Customers Also Bought



TE Part # 1-1827872-3
DYNAMIC 1100D HDR ASSY V 26P XBLACK GOLD



TE Part # 1-1827864-0
DYNAMIC 1200D REC HSG 20P X BLACK



TE Part # 1558661-3
T9GV1L14-12



TE Part # 5650461-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part # 640383-5
05P MTA156 HDR ASSY STR SQ SN



TE Part # 6-1624113-6
3650 0805 0.82uH 5% 2K RL



TE Part # 9-2176087-5
RP 1J 0.166W 665R 0.1% 25PPM 1K RL



TE Part # 1-2176349-3
CRGCQ 2512 100R 1%

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