

5536407-5 ✓ ACTIVE

EUROCARD

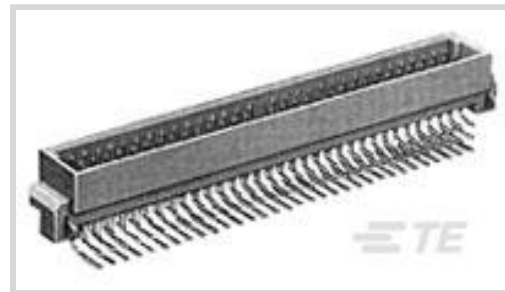
TE Internal #: 5536407-5

Plug, 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: **Plug**

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

Electrical Characteristics

Operating Voltage	250 VAC
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Industry Standards

UL Flammability Rating	UL 94V-0
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Body Features

Primary Product Color	Gray
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Mechanical Attachment

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

Packaging Features

Packaging Method	Box
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Contact Features

Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]
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PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	1.5 A

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	11.1 mm[.437 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Housing Features

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

Termination Features

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

Product Type Features

Connector & Housing Type	Plug
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, C

Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application



Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 5535070-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



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



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



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



TE Part # 926040-2
48P MOD 4 HSG



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



TE Part # 5650479-5
ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48



TE Part # 926040-1
48P MOD 4 HSG



TE Part # 4-1393637-4
V42254P2263C480=PC612 FEDERLEI



TE Part # 8-1393640-5
V42254B2201C480=PC612 FEDERLEI



TE Part # 5535070-5
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 2-1393641-5
V42254B2202C480=PC612 FEDERLEI



TE Part # 5535091-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



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

Customers Also Bought



TE Part #323746
TERMINAL,SOLIS R HT 12-10 5/16



TE Part #3-2176458-0
CPF 1206 2R0 0.1% 25ppm 1K RL



TE Part #CSE-SBRM-305-SBRM
SMB to SMB 305mm RG316



TE Part #7-1768042-9
STD05W-6



Documents

Product Drawings

[ASSY,PIN,EUROCARD,TYPE C/2,LEAD-FREE,48](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5536407-5_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5536407-5_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5536407-5_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English