

1-5148020-5 ✓ ACTIVE

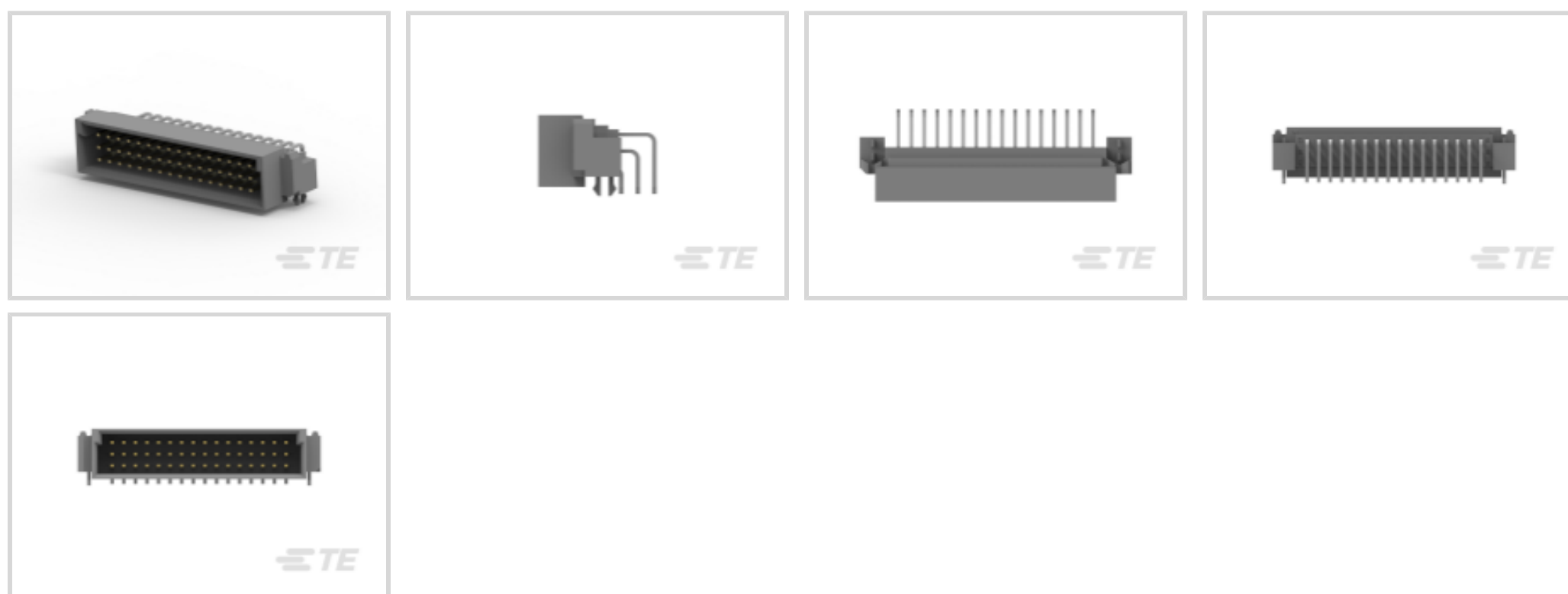


TE Internal #: 1-5148020-5

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

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **2.64 mm [.104 in]**

Number of Positions: **48**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

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, B, C

Termination Features

Termination Post & Tail Length	2.64 mm[.104 in]
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
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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

Circuit Application	Signal
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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	Not reviewed 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 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 # 5148020-5
ASSY,PIN,EURO,"C/2",L-FREE,48



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



TE Part # 5650948-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



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



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

Customers Also Bought



TE Part #5102322-1
A/L UNIV HDR 10P RA LG LAT



TE Part #543382-5
INSERT/EXTRACT TIP 25-KIT



TE Part #102387-3
16 MODIV HSG COMP DR .100 POL



TE Part #3-350944-0
04P UMNL HDR ASSY R/A 94VO



TE Part #1-770008-0
UMNLII SOK SN/AU/PHBZ LF



TE Part #2176315-1
MELF SMA_A 100R 0.1% 15PPM 0204 0.4W



TE Part #770016-1
05P UMNLII IN-LNE PLUG HSG KIT



TE Part #556136-1
CONT,AMPINNRGY WTW,STRIP,10-12



TE Part #641966-3
03P UMNL PIN HDR ASSY 94VO, AU



Documents

Product Drawings

[ASSY,PIN,EURO,"C/2",L-FREE,48](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-5148020-5_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5148020-5_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-5148020-5_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English