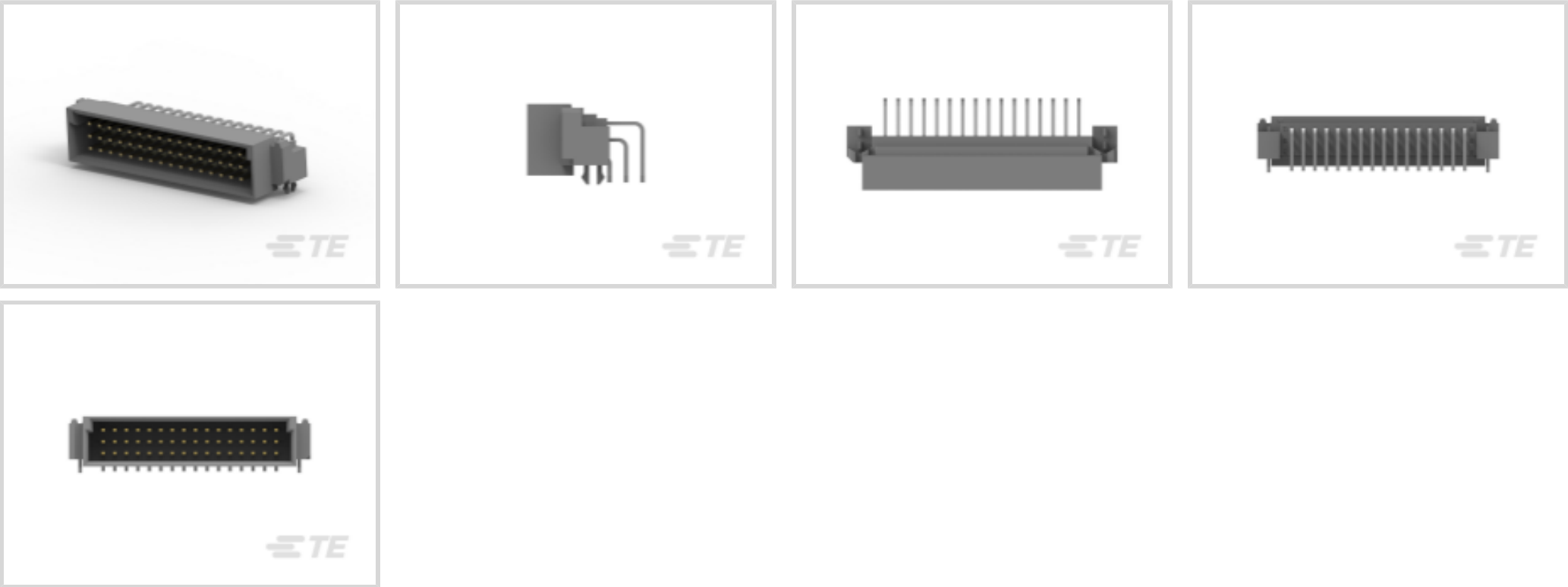




TE Internal #: 1-5148020-5  
Plug, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline,  
Printed Circuit Board, 3 Row, Right Angle, 16 Column, Eurocard  
Connectors  
[View on TE.com >](#)

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
Rows Loaded	A, C
Number of Signal Positions	48

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer






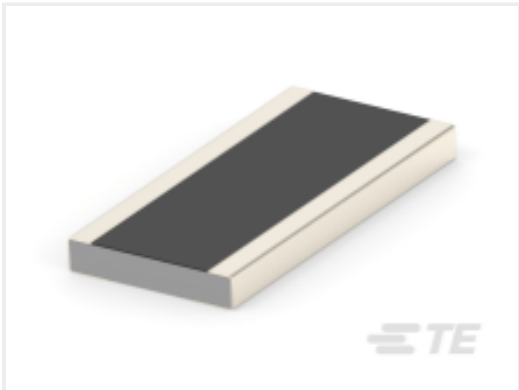




This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 5535070-5 ASSY,RECEPTACLE,EUROCARD,TYPE</p>	 <p>TE Part # 5650948-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA</p>	 <p>TE Part # 5650478-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA</p>	 <p>TE Part # 650478-5 048 EURO TYPE C PIN ST ASSY</p>
 <p>TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48</p>	 <p>TE Part # 5650916-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA</p>	 <p>TE Part # 5536397-5 ASSY,RECEPT,EURO,TYPE C/2,LEAD</p>	 <p>TE Part # 5650479-5 ASSY,PIN,EUROCARD,TYPE R/2,LEAD-FREE,48</p>

Customers Also Bought

 <p>TE Part #T4051410004-003 M8 CABLE RA FEMALE 1.5M 4P PVC CABLE</p>	 <p>TE Part #T4113001031-000 M12,MALE,RA,A CODE,3P,PG7,GOLD</p>	 <p>TE Part #5-534206-3 06 MODII VRT DR CE 100/115</p>	 <p>TE Part #5-534206-4 08 MODII VRT DR CE 100/115</p>
 <p>TE Part #3-1462039-8 IM06DTS=IM RELAY 140mW 12V</p>	 <p>TE Part #2-2176550-0 RLW73P A3 1% R39 200ppm 4k RL</p>	 <p>TE Part #6-2355626-4 DDR5 DIMM BLACK HSG AND BLACK LATCH</p>	 <p>TE Part #5-5179010-1 0.8FH,R13H.5,040,08/Sn,TU</p>
 <p>TE Part #5535034-5 ASSY,RECEPTACLE,EUROCARD,TYPE C/2,L-FREE</p>	 <p>TE Part #5536397-5 ASSY,RECEPT,EURO,TYPE C/2,LEAD</p>		



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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications  
Application Specification  
English