



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**
Connector System: **Board-to-Board**
Termination Post & Tail Length: **2.9 mm [.114 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
Performance Level	I

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	Phosphor Bronze
Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.9 mm[.114 in]



Mechanical Attachment

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

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.6 mm[.417 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

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
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: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content



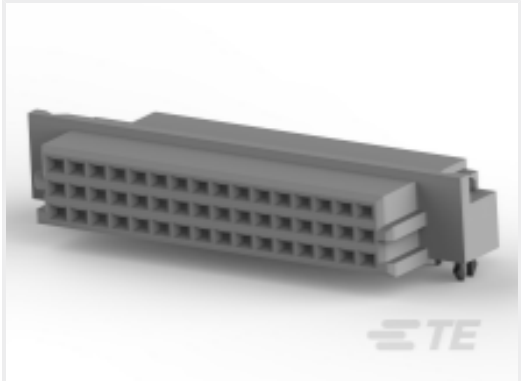
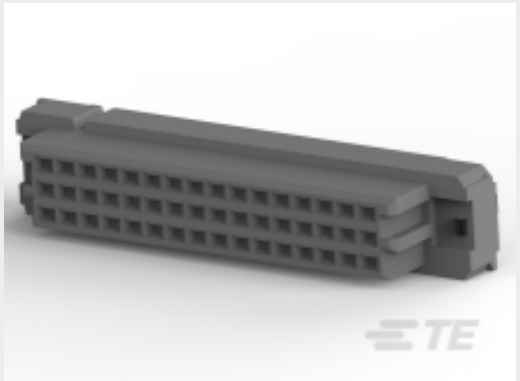
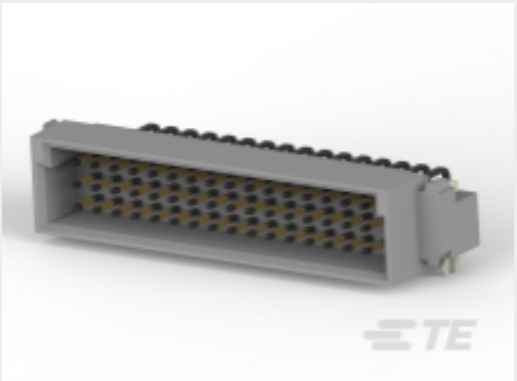
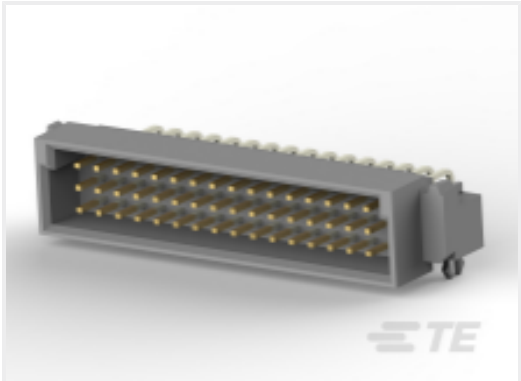
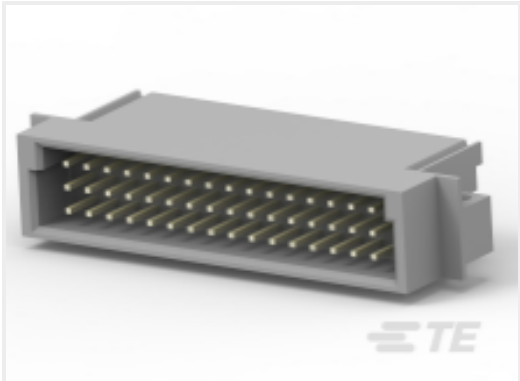
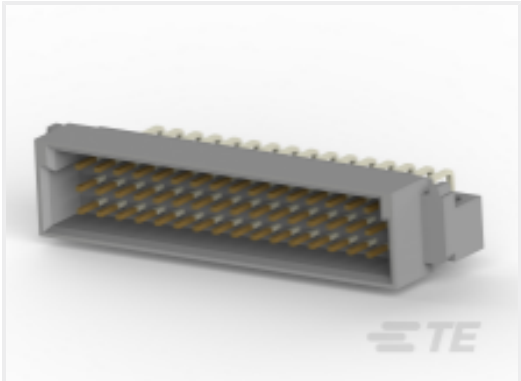
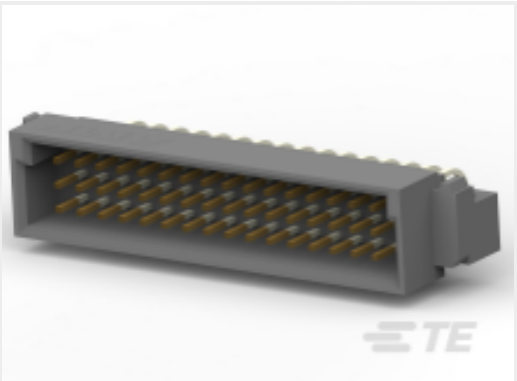
Solder Process Capability

Wave solder capable to 240°C

Product Compliance Disclaimer

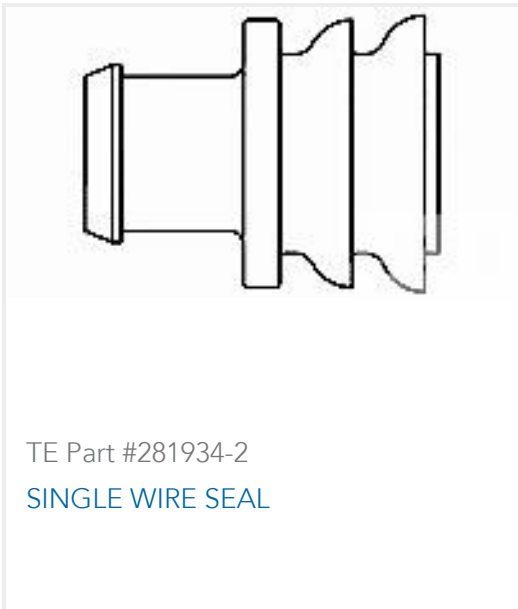
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 650948-5 048 EURO TYPE C PIN ST ASSY	 TE Part # 5650893-5 ASSY,RECEPT,EUROCARD,TYPE R/2,L-FREE,48,	 TE Part # 5536397-5 ASSY,RECEPT,EURO,TYPE C/2,LEAD	 TE Part # 5650916-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA
 TE Part # 536407-5 048 EURO TYPE C PIN BL ASSY	 TE Part # 5148020-5 ASSY,PIN,EURO,"C/2",L-FREE,48	 TE Part # 650916-5 048 EURO TYPE C PIN BL ASSY	 TE Part # 148020-5 048 EURO TYPE C PIN BL ASSY
 TE Part # 216398-4 48P.IEC-C MALE CONN	 TE Part # 650478-5 048 EURO TYPE C PIN ST ASSY	 TE Part # 5535070-5 ASSY,RECEPTACLE,EUROCARD,TYPE	 TE Part # 5650948-5 ASSY,PIN,EUROCARD,TYPE C/2,LEA



Customers Also Bought



Documents

- CAD Files

Customer View Model

ENG_CVM_CVM_1393640-7_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393640-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393640-7_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



application specification

English