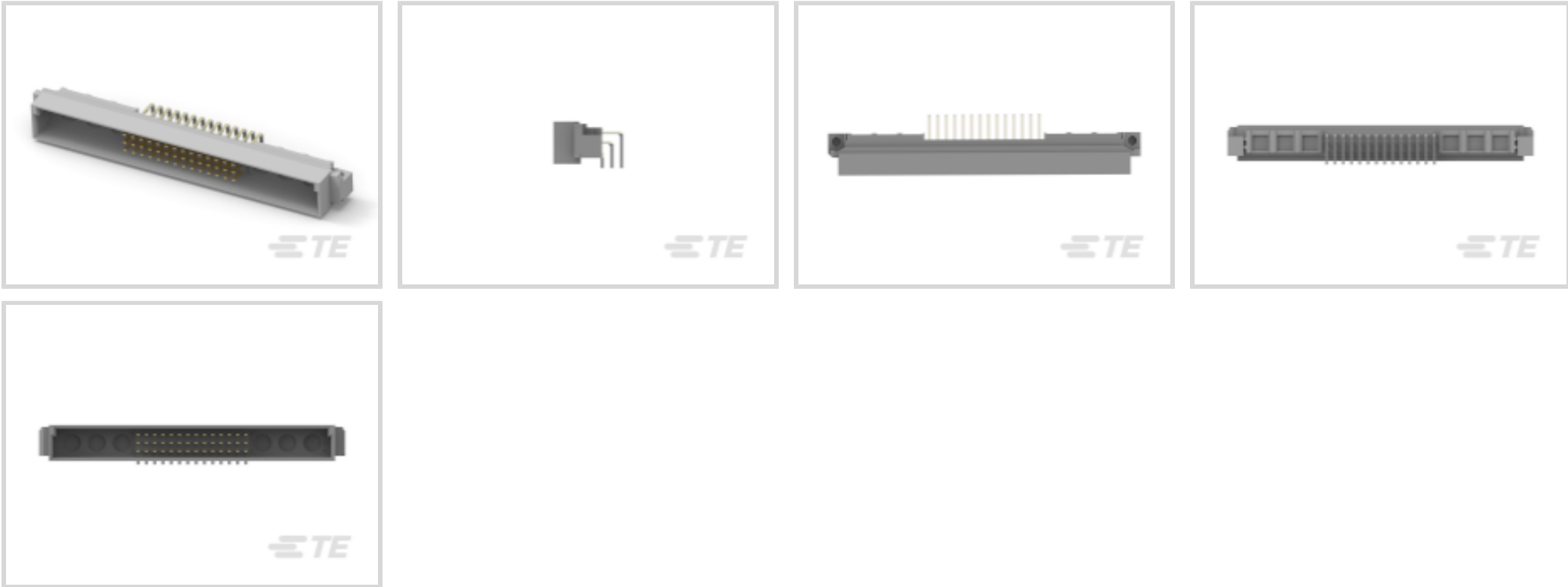




Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**  
Connector System: **Board-to-Board**  
Termination Post & Tail Length: **2.64 mm [ .104 in ]**  
Centerline (Pitch): **2.54 mm [ .1 in ]**  
Sealable: **No**

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II

Configuration Features

Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	12
Number of Power or Coaxial Positions	6
Number of Signal Positions	42
Rows Loaded	A, B, C

Contact Features



Contact Cross Section	.64 x .64 mm
Contact Type	Pin
Contact Mating Area Plating Material	Tin-Lead
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 in]

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Housing Color	Gray
Centerline (Pitch)	2.54 mm[.1 in]

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	Power & Signal
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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	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # 148375-1  
EURO, TYPE M CONTACT, FEMALE



TE Part # 148423-5  
EURO TYPE M REC 42+6, THIN STK



TE Part # 5-1393637-7  
V42254P2263M420=PC612 FEDERLEI



TE Part # 5148423-5  
ASSY, RECPT, TYPE M, EUROCARD, L-F

Also in the Series | EUROCARD TYPE M



Customers Also Bought

TE Part #DT04-2P  
DEUTSCH DT Series Housings & Connectors

TE Part #W2S  
DEUTSCH DT WEDGELOCKS

TE Part #282104-1  
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

TE Part #206070-8  
CABLE CLAMP KIT #17

TE Part #281934-2  
SINGLE WIRE SEAL

TE Part #0460-202-16141  
DEUTSCH SOLID CONTACTS

Documents

Product Drawings  
EURO TYPE M PIN ASSY 42+6  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_148413-5\_B.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_148413-5\_B.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_148413-5\_B.3d\_stp.zip  
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



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Product Specifications

Application Specification

English

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English