

EUROCARD

TE Internal #: 8-1393640-5

Eurocard Connectors, Receptacle, Board-to-Board, Termination

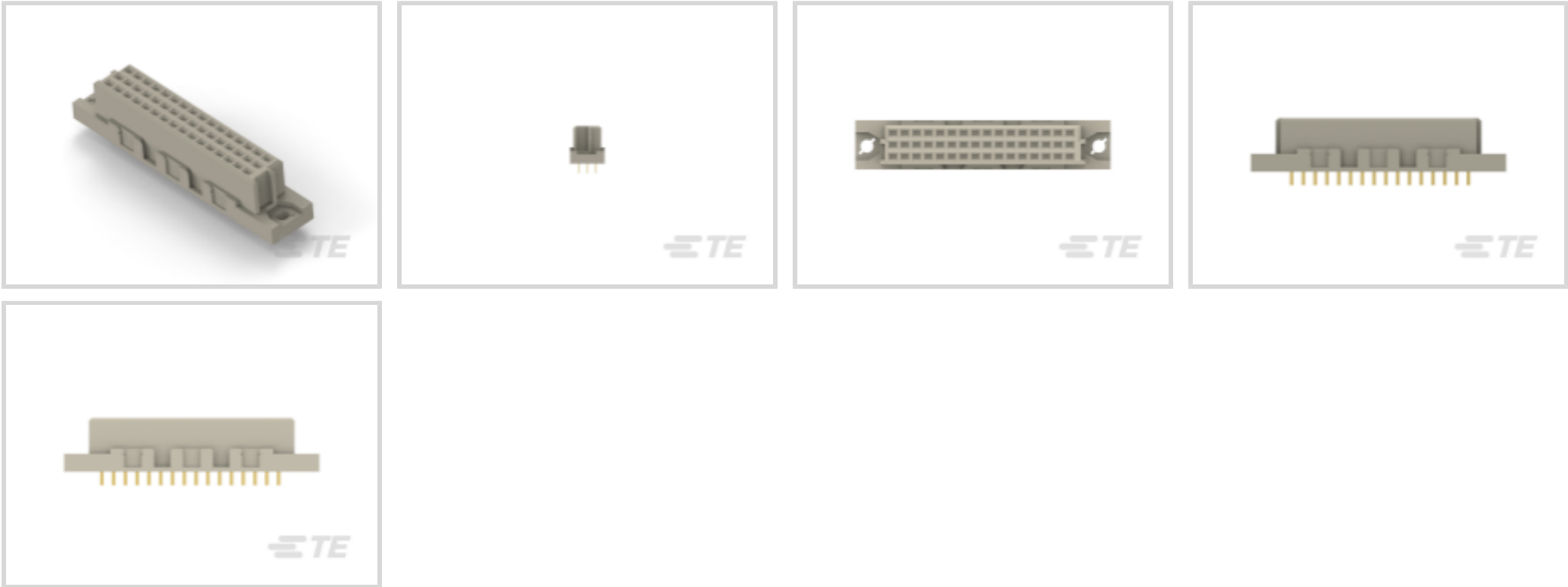
Post & Tail Length 2.9 mm [.114 in], 48 Position, 2.54mm [.1in]

Centerline

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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
Sealable	No
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	Vertical
Number of Columns	16
Rows Loaded	A, B, C
Number of Signal Positions	48

Contact Features



Contact Cross Section	.32 x .76 mm[.013 x .03 in]
Contact Type	Socket
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	2.9 mm[.114 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	10.6 mm
PCB Thickness (Recommended)	1.6 mm[.063 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

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	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: JUN 2020 (209) Candidate List Declared Against: JAN 2018 (181) Does not contain REACH SVHC
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 650948-5  
048 EURO TYPE C PIN ST ASSY



TE Model / Part # 148020-5  
048 EURO TYPE C PIN BL ASSY



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



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



TE Model / Part # 216398-4  
48P.IEC-C MALE CONN



TE Model / Part # 8-1393644-0  
V42254B1200C480=PC612 MESSERLE



TE Model / Part # 650916-5  
048 EURO TYPE C PIN BL ASSY



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



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



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



TE Model / Part # 5148020-5  
ASSY,PIN,EURO, "C/2",L-FREE,48



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



TE Model / Part # 5536407-5  
ASSY,PIN,EUROCARD,TYPE C/2,LEAD-FREE,48



TE Model / Part # 536407-5  
048 EURO TYPE C PIN BL ASSY



TE Model / Part # 7-1393644-4  
V42254B1200C410=PC612 MESSERLE



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



TE Model / Part # 1393644-9  
V42254B1100C480=PC612 MESSERLE

Customers Also Bought



TE Model / Part #2-1393641-5  
V42254B2202C480=PC612 FEDERLE



TE Model / Part #148714-1  
ASSY,PIN,EURO, "C/2",L-FREE,



TE Model / Part #5413515-2  
JACK,DECOUPLER,RTANG,BNC PCB



TE Model / Part #3-1393659-9  
V42254B1202R480=PC612 MESSERLE





TE Model / Part #5-147384-3  
30 50/50 GRID SMT RCPT VC LF

TE Model / Part #7-1393236-5  
V23092-B1024-A302

TE Model / Part #8-1393740-0  
V42254A2216C225=SUB D STIFTLEI

TE Model / Part #8-1393480-3  
V23529B1223B225=SUB D FEDERLEI

TE Model / Part #6609976-3  
CORCOM FC SERIES SINGLE PHASE  
FILTERS

TE Model / Part #1744194-7  
07P MTA156 HDR ASSY FL/STR SN

Documents

Product Drawings

V42254B2201C480=PC612 FEDERLEI

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_8-1393640-5\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_8-1393640-5\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_8-1393640-5\_A.3d\_stp.zip

English

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