



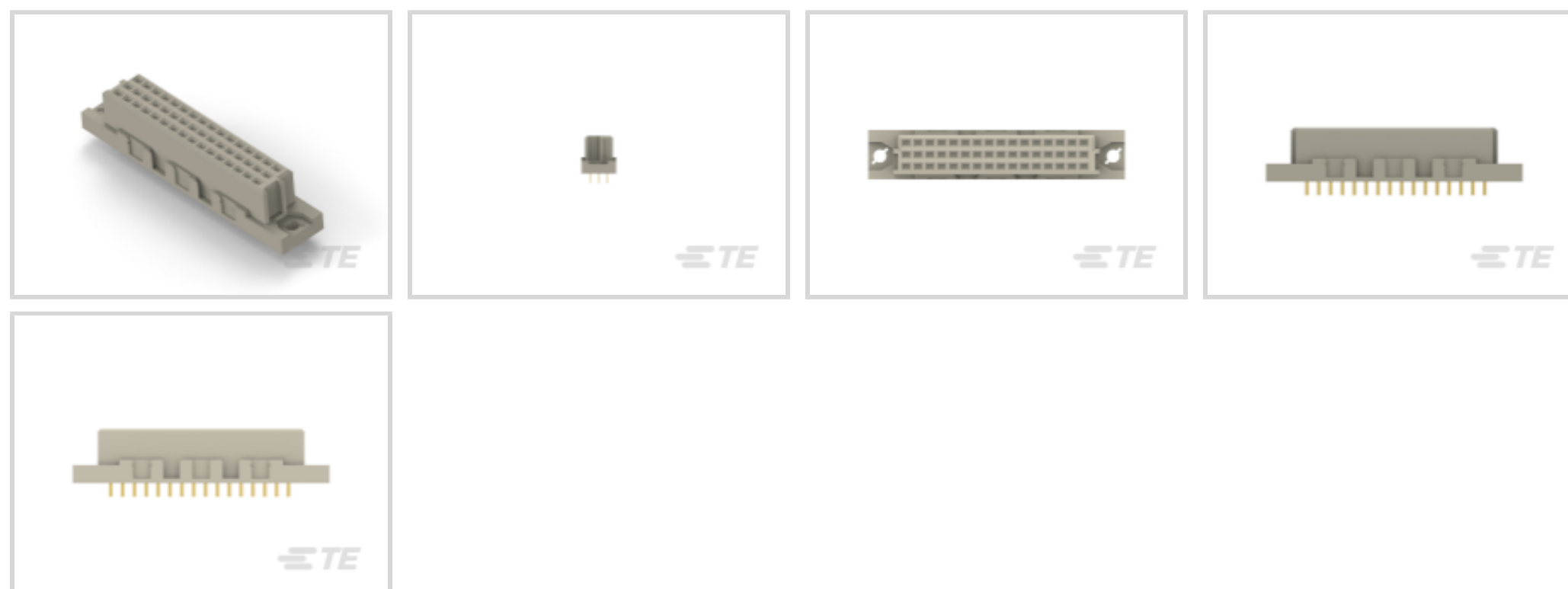
EUROCARD

TE Part # 8-1393640-5

TE Internal #: 8-1393640-5

[View on TE.com >](#)

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector Style: **Receptacle**

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

Number of Positions: **48**

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

Termination Post Length: **2.9 mm [.114 in]**

Features

Product Type Features

Guides	Without
Make First / Break Last	No
Connector Type	Connector Assembly
Shielded	No
Connector Style	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Row-to-Row Spacing	2.54 mm[.1 in]
Size	Half
DIN Level	II

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	48
Number of Rows	3

Number of Columns	16
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Rows Loaded	A, B, C
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Number of Signal Positions	48
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Board-to-Board Configuration	Vertical
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Contact Features

Contact Type	Socket
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Contact Cross Section	.32 x .76 mm [.013 x .03 in]
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Contact Transmits (Typical)	Signal (Data)
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	1.5 A
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Termination Features

Interface Type	Eurocard/DIN 41612
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Termination Method to Printed Circuit Board	Through Hole - Solder
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Termination Post Length	2.9 mm [.114 in]
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Mechanical Attachment

Mating Alignment Type	Polarization
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Mating Alignment	With
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Panel Mount Feature	Without
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PCB Mount Retention	With
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PCB Mount Retention Type	Mounting Hole
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Mounting Angle	Vertical
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Connector Mounting Type	Board Mount
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Housing Features

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

Tail Length	2.9 mm
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Height	10.6 mm
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PCB Thickness (Recommended)	1.6 mm [.063 in]
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Usage Conditions

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



Circuit Application	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

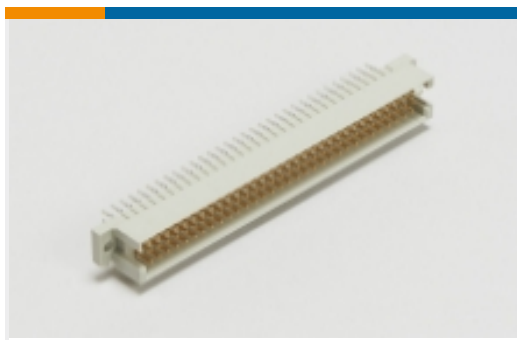
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	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: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
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

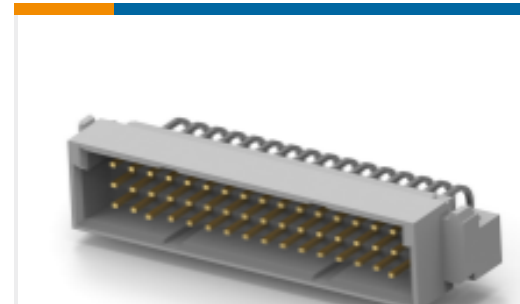


[Eurocard Connectors\(17\)](#)

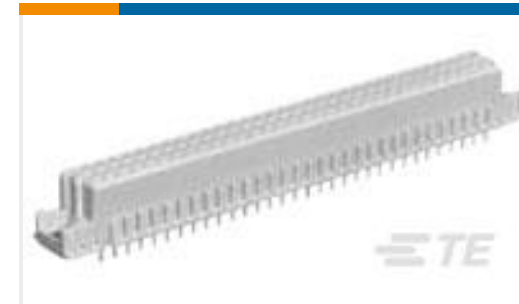
Customers Also Bought



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



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



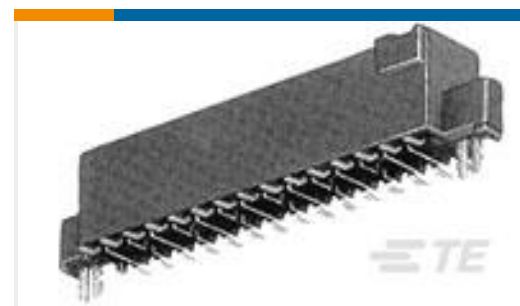
TE Part #2-1393641-5
V42254B2202C480=PC612
FEDERLEI



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



TE Part #826652-3
3P AMPMODU II STIFT LEI



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



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



TE Part #5161390-7
07P.DIP SWITCH ASSY



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

Documents

Product Drawings

[V42254B2201C480=PC612 FEDERLEI](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_8-1393640-5_A.2d_dxf.zip](#)

English

[3D PDF](#)



3D

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