

EUROCARD

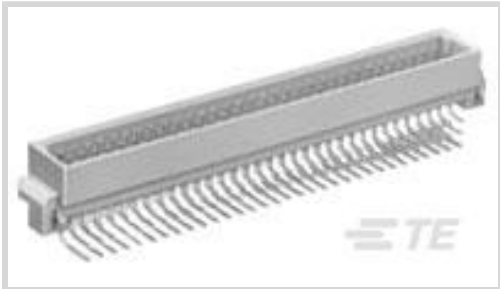
TE Part # 1-1393644-7

TE Internal #: 1-1393644-7

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector Style: **Plug**

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

Number of Positions: **64**

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

Termination Post Length: **3 mm [.118 in]**

Features

Product Type Features

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

Configuration Features

Position Locations Loaded	Every even pitch
PCB Mount Orientation	Right Angle
Number of Positions	64
Number of Rows	3
Number of Columns	32
Rows Loaded	A, C
Number of Signal Positions	64
Board-to-Board Configuration	Right Angle



Contact Features

Contact Type	Pin
Contact Transmits (Typical)	Signal (Data)
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1.5 A

Termination Features

Interface Type	Eurocard/DIN 41612
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post Length	3 mm[.118 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Tail Length	3 mm
Height	12.62 mm
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °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

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Packaging Method	Tray
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Product Compliance

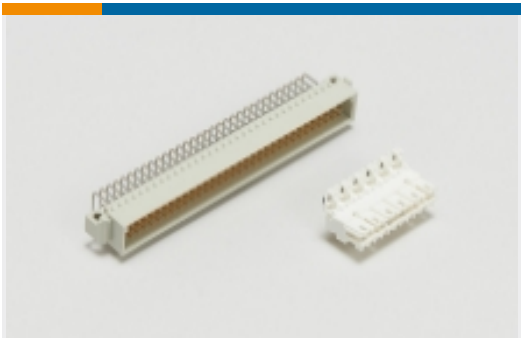
For compliance documentation, visit the product page on TE.com>

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	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197） SvHCs候选清单的声明更新至: 2018年6月（191）
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(22)	Standard Edge Connectors (1)

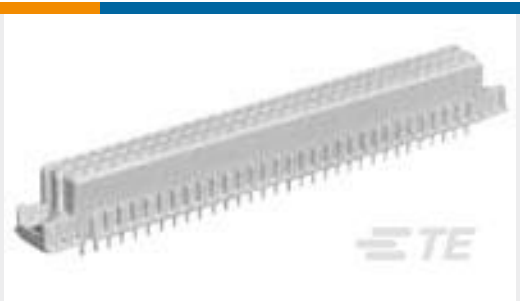
Customers Also Bought



TE Part #2007790-1
IMP100S,H,V3P10C,UG,
DEW39,4.5



TE Part #054431-000
AT099-19



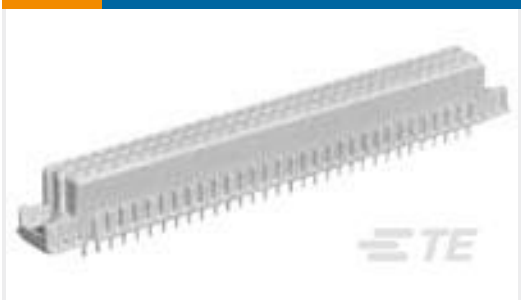
TE Part #2-1393640-5
V42254B2102C963=PC612
FEDERLEI



TE Part #1676158-1
RN 0805 115K 0.1% 10PPM
CUT LE



TE Part #1676279-1
RN 0805 294R 0.1% 10PPM
CUT LENGTH



TE Part #2-1393640-4
V42254B2102C960=PC612
FEDERLEI



TE Part #2852883002
44A0111-16-54



TE Part #4-1623771-4
C3A 680R 5% AMMO PK



TE Part #6-1625984-8
HSA50 560R 1%



TE Part #1676189-1
RN 0805 147R 0.1% 10PPM
CUT LENGTH

Documents

Product Drawings

V42254B1100C963=PC612 MESSERLE

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-1393644-7_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1393644-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1393644-7_A.3d_stp.zip

English