



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.5 mm [.177 in]**

Number of Positions: **64**

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	Standard
DIN Level	II

Configuration Features

Number of Positions	64
Number of Rows	2
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A

Contact Features

Contact Cross Section	.32 x .76 mm
Contact Layout	Inline
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Type	Socket
Contact Underplating Material Thickness	1.27 µm[50 µin]



Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold or Palladium Nickel or Performance Based
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	4.5 mm[.177 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	93.98 mm[3.7 in]
Connector Height	11.51 mm[.453 in]
Connector Width	7.94 mm[.313 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

UL Rating	Recognized
-----------	------------



CSA Certified	Yes
UL File Number	E28476
CSA File Number	LR 7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Tray
------------------	------------------

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 2021 (211) Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

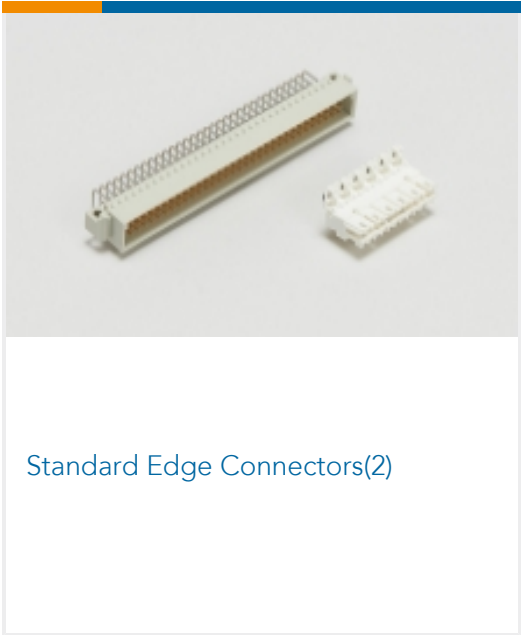
Product Compliance Disclaimer

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>

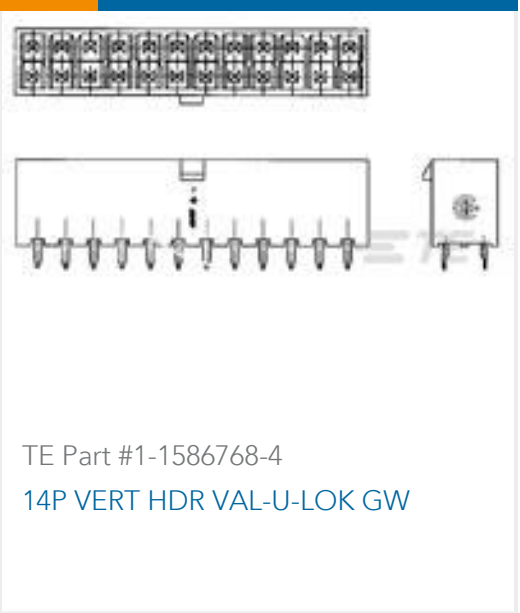
Compatible Parts



Also in the Series | Eurocard Type B



Customers Also Bought





Documents

Product Drawings
V42254B2202B641=PC612 FEDERLEI
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1393641-6_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-1393641-6_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1393641-6_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.