



Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

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

Number of Positions: **20**

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

Features

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, CSA LR7189

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Pin

Mechanical Attachment

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

PCB Mount Alignment	Without
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Packaging Features

Packaging Method	Tray, Box & Tray
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Operation/Application

Shielded	No
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Circuit Application	Signal
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Dimensions

Connector Width	8.56 mm[.337 in]
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PCB Thickness (Recommended)	1.57 mm[.062 in]
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Connector Height	12.62 mm[.497 in]
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Connector Length	38.1 mm[1.499 in]
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Row-to-Row Spacing	2.54 mm[.1 in]
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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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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3 mm[.118 in]
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Product Type Features

Connector & Housing Type	Plug
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Connector System	Board-to-Board
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Connector & Contact Terminates To	Printed Circuit Board
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DIN Size	Standard
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DIN Level	II
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Configuration Features

Number of Positions	20
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Number of Rows	2
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PCB Mount Orientation	Right Angle
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Number of Columns	10
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Number of Signal Positions	20
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Rows Loaded	A, B
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 240°C
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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

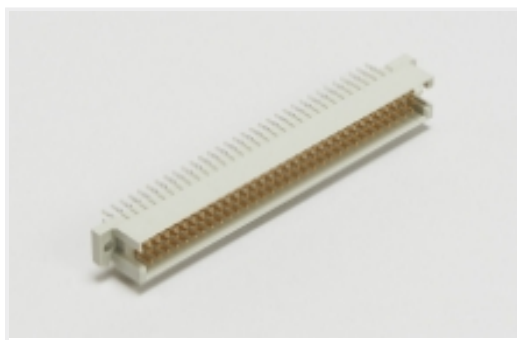


TE Part # 1-1393641-0
V42254B2202B200=PC612 FEDERLEI

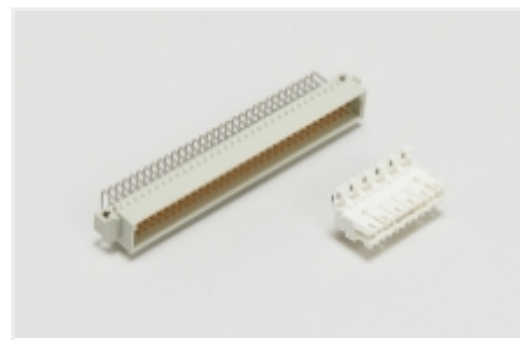


TE Part # 7-1393640-2
V42254B2201B200=PC612 FEDERLEI

Also in the Series | [Eurocard Type B](#)



Eurocard Connectors(34)



Standard Edge Connectors(2)

Customers Also Bought



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



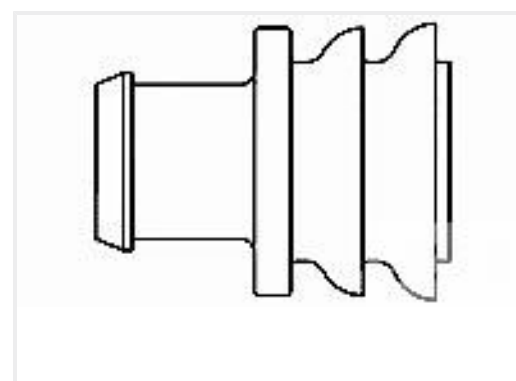
TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings

V42254B1200B200=PC612 MESSERLE

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-1393644-6_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1393644-6_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1393644-6_A.3d_stp.zip](#)

English

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[Product Specifications](#)

[Application Specification](#)

English