5-1393644-6

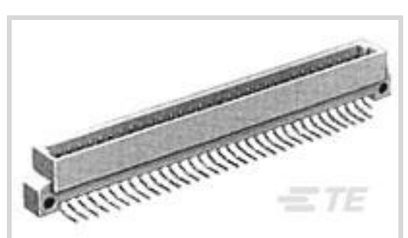
EUROCARD | Eurocard Type B

TE Internal #: 5-1393644-6

TE Internal Description: V42254B1200B200=PC612 MESSERLE

View on TE.com >

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

Product Type Features

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

Configuration Features

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

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

Termination Features

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

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

Housing Features

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

Dimensions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Industry Standards

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

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) 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 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

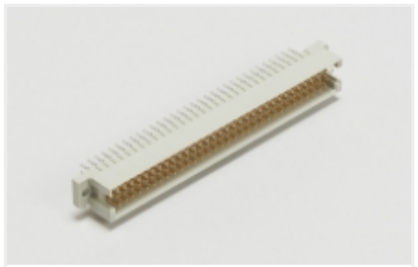


TE Part # 1-1393641-0
V42254B2202B200=PC612 FEDERLEI

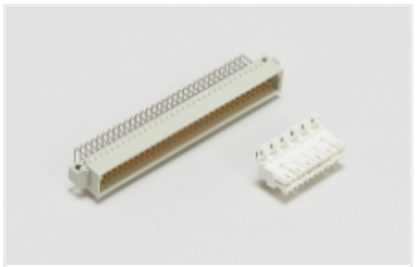


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V42254B2201B200=PC612 FEDERLEI

Also in the Series | Eurocard Type B

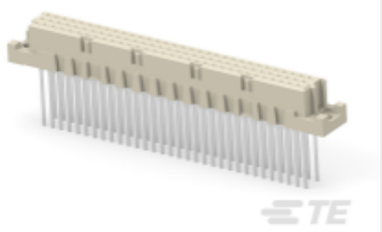


Eurocard Connectors(34)

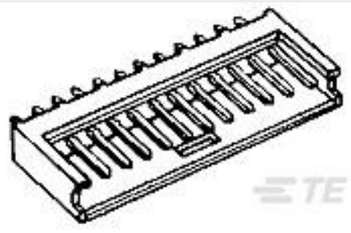


Standard Edge Connectors(2)

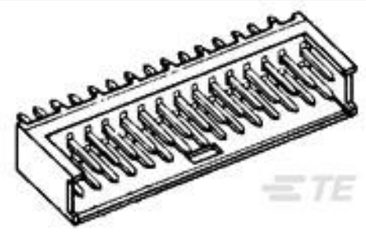
Customers Also Bought



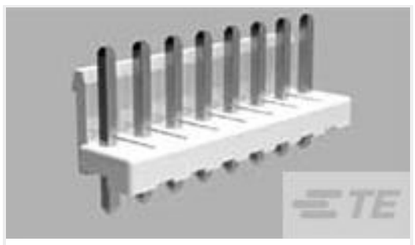
TE Part #244294-E
STVC 64 F AC VV 7-00 EE 17,0 * 247 E007



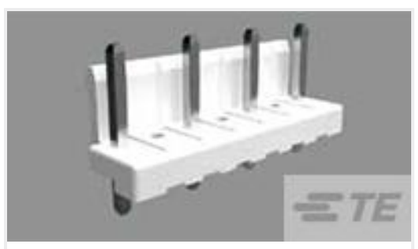
TE Part #280374-2
10P AMPMODU II SHRD HDR, ST, 0.38 AU



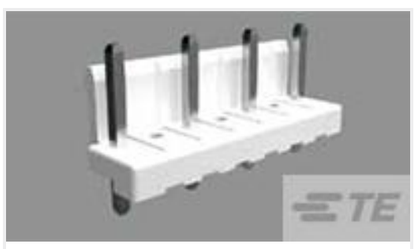
TE Part #280385-2
2X8P AMPMODU II SHRD HDR,ST,0.38 AU



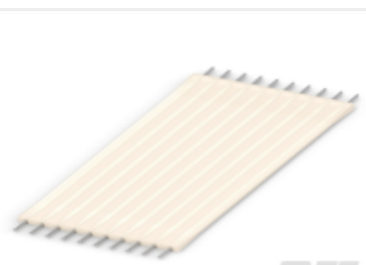
TE Part #4-1123723-6
3.96 EP HDR ASSY 6P(RED)



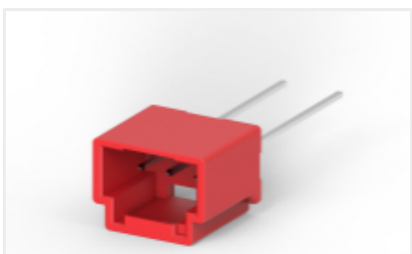
TE Part #2-1123724-4
3.96EP HDR ASSY 4(7)P YELLOW



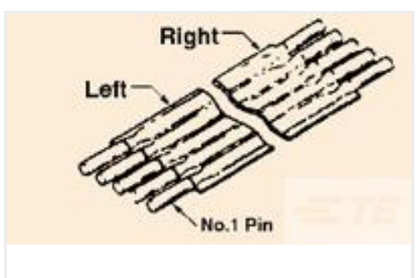
TE Part #6-1123724-4
3.96EP HDR ASSY 4(7)P GREEN



TE Part #2205178-1
FSN-22A-20



TE Part #3-2232546-3
GI2.5 HDR ASS 3P RED NO BOSS TAPE



TE Part #9-6474612-1
FSN-22A-10

TE Part #2-1612618-1
DDR SODIMM SOCKET 200POS SEMI-

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