7-1393640-2 ✔ ACTIVE

EUROCARD | Eurocard Type B

TE Internal #: 7-1393640-2

Receptacle, Board-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 2 Row, Vertical, Eurocard Type B, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

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

Number of Positions: **20**

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

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Performance Level	II

Configuration Features

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

Contact Features

Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Contact Type	Socket

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.9 mm[.114 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Width	8.05 mm[.317 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	11.51 mm[.453 in]
Connector Length	93.98 mm[3.7 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

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 2025 (250) 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

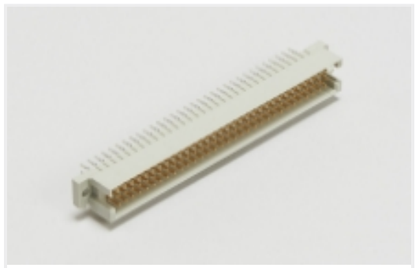
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

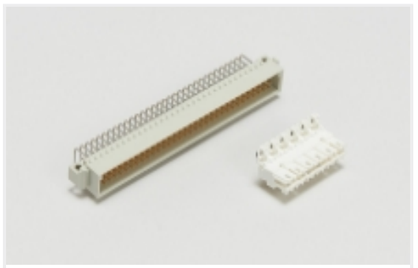


TE Part # 5-1393644-6
V42254B1200B200=PC612 MESSERLE

Also in the Series | Eurocard Type B



Eurocard Connectors(34)



Standard Edge Connectors(2)

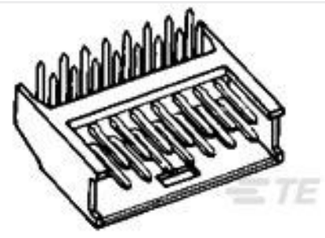
Customers Also Bought



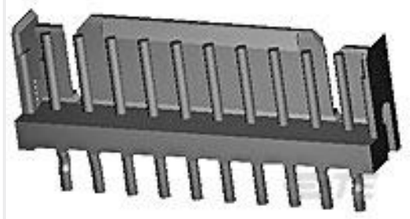
TE Part #TCD14745101-001
M12D4-MS-RJ-PUR-22SH-TYPE C GREEN-0.5M



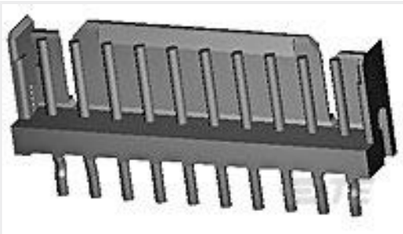
TE Part #1-106507-2
25P.HDP20 REC.ASSY.



TE Part #280389-2
2X4P MODU II SHRD HDR,RT ANG, 0.38AU



TE Part #292161-3
CT P/HDR ASSY V 3P W/KINK NAT



TE Part #292161-5
CT P/HDR ASSY V 5P W/KINK NAT



TE Part #292303-1
Std USB Type A, R/A, T/H



TE Part #2-2176337-4
CRGCQ 0402 820R 1%

Documents

Product Drawings

V42254B2201B200=PC612 FEDERLEI

English

CAD Files

Customer View Model

ENG_CVM_CVM_7-1393640-2_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1393640-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1393640-2_B.3d_stp.zip

English

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