

5-1393644-6 ✓ ACTIVE

EUROCARD | Eurocard Type B

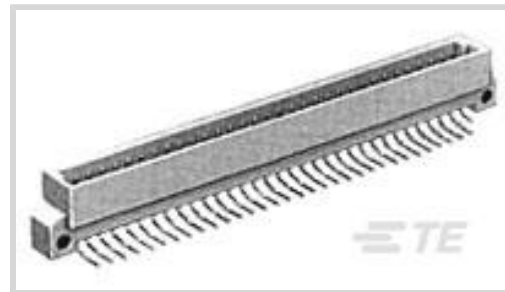
TE Internal #: 5-1393644-6

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

[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, C

### Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 $\mu\text{m}$ [100 $\mu\text{in}$ ]
Contact Layout	Inline
Contact Type	Pin
Contact Underplating Material Thickness	1.27 $\mu\text{m}$ [50 $\mu\text{in}$ ]
Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ]



Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin-Lead
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Contact Base Material	Brass
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### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Termination Post & Tail Length	3 mm[.118 in]
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### Mechanical Attachment

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

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

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Shielded	No
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Circuit Application	Signal
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### Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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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: JUNE 2023 (235)  
Candidate List Declared Against: JUNE 2023 (235)  
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

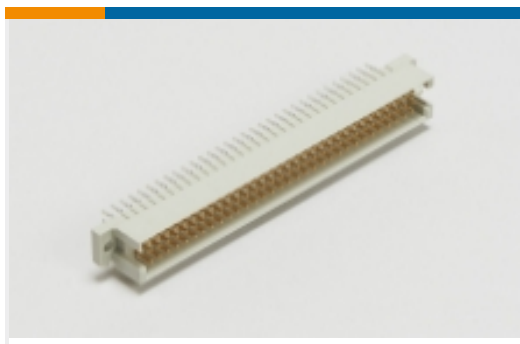
Product Compliance Disclaimer

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>

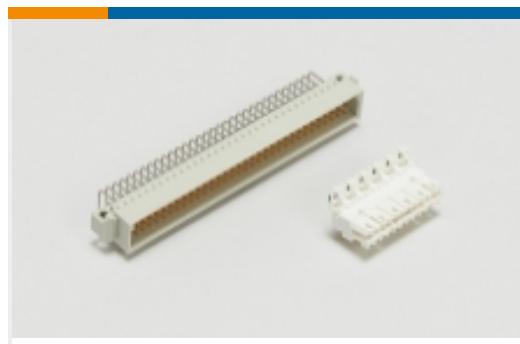
**Compatible Parts**



**Also in the Series | Eurocard Type B**

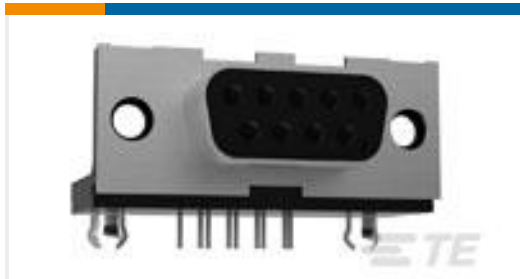


Eurocard Connectors(39)

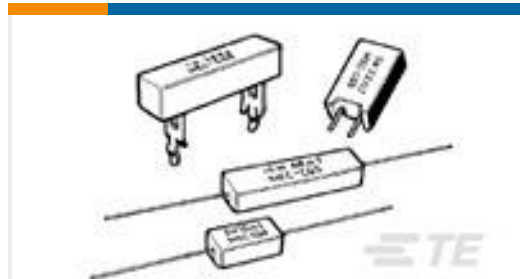


Standard Edge Connectors(2)

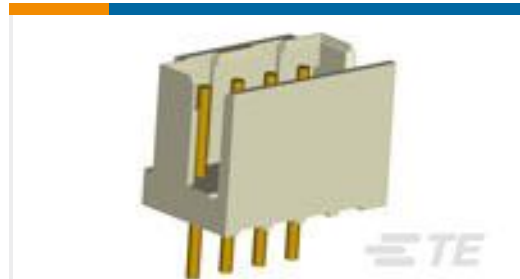
## Customers Also Bought



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



TE Part #1623788-2  
SQM5 10R 5% (WIRE)



TE Part #292132-8  
CT P/HDR BOX V 8P NAT



TE Part #3-794618-4  
04P MICRO MNL ASSY R/A HDR LF



TE Part #4-794618-4  
14P MICRO MNL ASSY R/A HDR LF



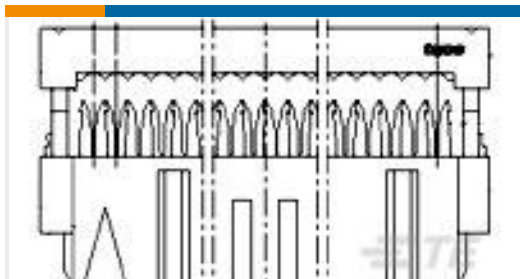
TE Part #5069874011  
CGPT-19/9.5-0-SP



TE Part #641737-1  
04P CMNL HDR ASSY R/A PC NATL



TE Part #1473005-1  
SEMI HARD TRAY DDR SOCKET 200P



TE Part #1-215915-0  
AMP-LATCH 15.2 HIGH TAPE



TE Part #1982676-1  
Receptacle Assembly

## 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

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

**Product Specifications**

[Application Specification](#)

English