

5536418-5 ✓ ACTIVE

EUROCARD

TE Internal #: 5536418-5

Receptacle, Board-to-Board, 96 Position, 2.54 mm [.1 in] Centerline,
Printed Circuit Board, 3 Row, Vertical, 32 Column, Eurocard
Connectors

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.49 mm [.098 in]**

Number of Positions: **96**

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
DIN Size	Standard
DIN Level	II

Configuration Features

Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Rows Loaded	A, B, C
Number of Signal Positions	96

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Gray
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Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.49 mm[.098 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	11.5 mm[.453 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 105 $^{\circ}\text{C}$ [-67 – 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box
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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 265°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 # 5148057-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



TE Part # 5536405-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FRE



TE Part # 5536437-4
ASSY,PIN,EUROCARD,TYPE C,LEAD-FRE,96 PO



TE Part # 650913-5
096 EURO TYPE C PIN BL ASSY



TE Part # 536742-5
096 EURO TYPE C PIN ST ASSY



TE Part # 5650913-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FRE



TE Part # 536416-5
096 EURO TYPE C PIN BL ASSY



TE Part # 148116-5
096 EURO TYPE C PIN ST ASSY



TE Part # 650889-5
096 EURO TYPE R PIN AP ASSY



TE Part # 650947-5
096 EURO TYPE C PIN ST ASSY



TE Part # 5535043-4
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE,96



TE Part # 5536416-5
ASSY,PIN,EURO,"C",LEAD-FRE,96



TE Part # 5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FRE



TE Part # 5650473-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FRE



TE Part # 1-148057-5
096 EURO TYP C RECP 13MM ASSY



TE Part # 1-148059-5
096 EURO TYP C RECP 17MM ASSY



TE Part # 536010-5
096 EURO TYPE C PIN HT ASSY



TE Part # 5650895-4
ASSY,RECEPT,EUROCARD,TYPE R,LEAD-FRE



TE Part # 536405-5
096 EURO TYPE C PIN BL ASSY

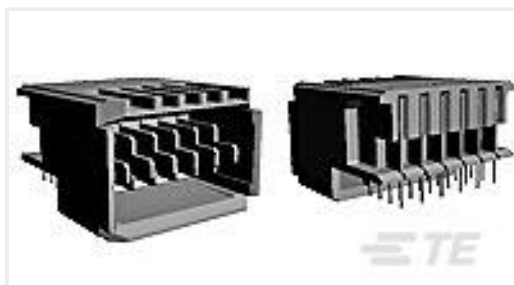


TE Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE,96

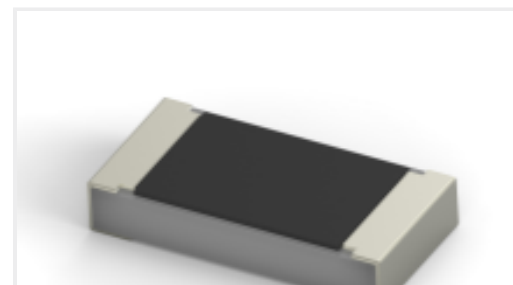
Customers Also Bought



TE Part #120953-2
TE UPM Ver Receptacle 5P HC Power



TE Part #120955-1
TE UPM R/A Header 5P HC Power, LLLL



TE Part #3-1614958-7
CPF 0805 2R32 0.1% 25ppm 1K RL



TE Part #5-1625868-3
RP 2A 0.25W 18R7 0.1% 25PPM 1K RL



TE Part #7-1625868-7
RP 2A 0.25W 33R2 0.1% 25PPM 1K RL



TE Part #2110304-1
SFP+ 1x1 Cage Assembly, Solder Tail



TE Part #2176379-3
RQ 0805 113R 0.1% 10PPM 5K RL



TE Part #5536460-5
ASSY, RECEPT, EURO, TYPE B, LEAD-F



TE Part #5650947-5
ASSY, PIN, EUROCARD, TYPE C, LEAD-F



TE Part #104071-1
10 SYSTEM 50 HDR SRST SHRD

Documents

Product Drawings

[ASSY, RECEPT, EURO, TYPE C, LEAD-F](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5536418-5_O.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5536418-5_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5536418-5_O.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English