

5148292-5 ✓ ACTIVE

EUROCARD | Eurocard Type R

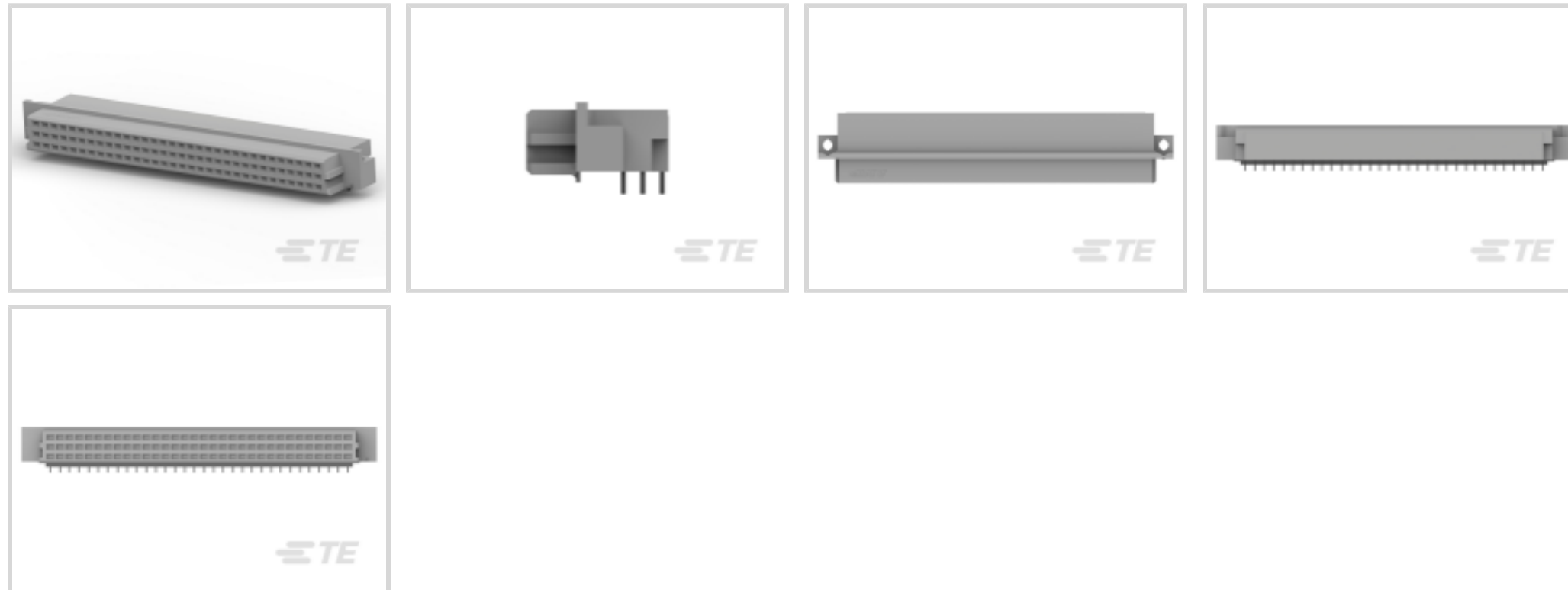
TE Internal #: 5148292-5

Eurocard Connectors, Receptacle, Board-to-Board, 96 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, Eurocard Type R

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.92 mm [.115 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	Half
DIN Level	II

Configuration Features

Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, B, C

Body Features

Primary Product Color	Gray
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Contact Features

Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	2.92 mm[.115 in]

Mechanical Attachment

Mating Retention	Without
Mating Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Action/Compliant Tail
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	10.49 mm
PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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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	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	Not applicable for solder process capability

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 # 650470-5
096 EURO TYPE R PIN ST ASSY



TE Part # 535089-5
096 EURO TYPE C RECEPT ST ASSY



TE Part # 536019-5
096 EURO TYP R PIN AP MFBL ASY



TE Part # 5650462-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 5535089-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



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



TE Part # 5536412-4
ASSY,RECEPT,EURO,TYPE C,LEAD-FREE,96,.18




TE Part # 5148057-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE



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



TE Part # 5536418-5
ASSY,RECEPT,EURO,TYPE C,LEAD-F



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



TE Part # 3-1393641-1
V42254B2202C960=PC612 FEDERLEI



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



TE Part # 9-1393644-1
V42254B1200C960=PC612 MESSERLE



TE Part # 5650461-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 5535090-5
ASSEMBLY,RECEPTACLE,EUROCARD,T



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

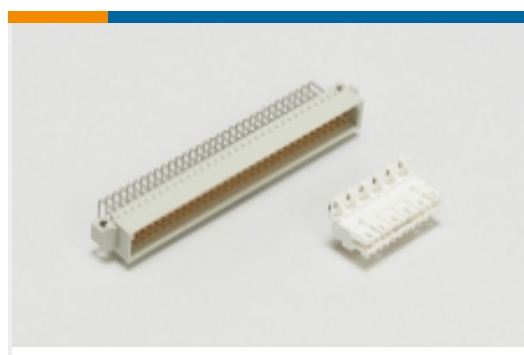


TE Part # 1-1393644-6
V42254B1100C960=PC612 MESSERLE

Also in the Series | Eurocard Type R



Eurocard Connectors(81)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #2007198-2
SFP+ 1x1 Cage Assembly, Press-Fit



TE Part #1489948-2
XFP HEAT SINK CLIP, PLATED



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



TE Part #2309414-3
DDR4 SODIMM 260P 9.2H RVS



Documents

Product Drawings

[ASSY,RECEPTACLE,EUROCARD,TYPE](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_5148292-5_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5148292-5_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5148292-5_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English