

5148304-4 ✓ ACTIVE

EUROCARD | Eurocard Type R

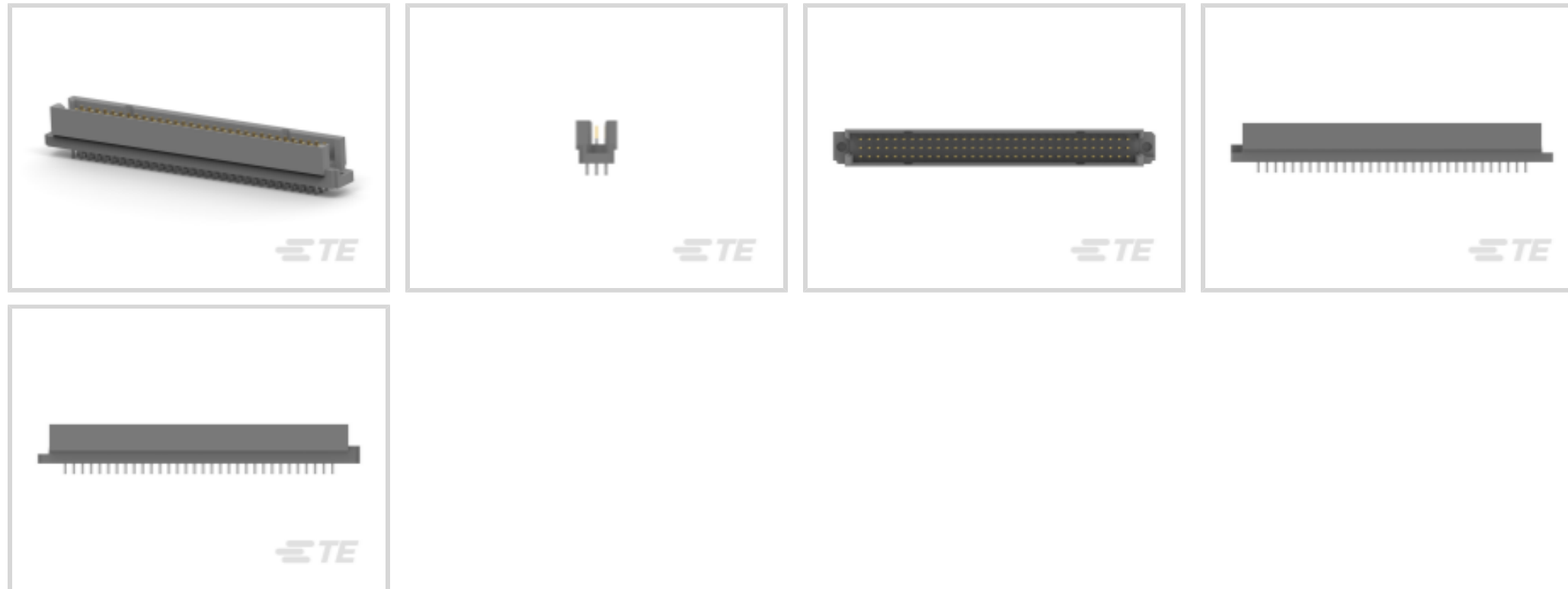
TE Internal #: 5148304-4

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

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Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **3.1 mm [.122 in]**

Number of Positions: **96**

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

Mating & Unmating Configuration	Make First / Break Last
Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	32
Number of Signal Positions	96
Rows Loaded	A, B, C

Contact Features



Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	3.1 mm[.122 in]

Mechanical Attachment

Mating Retention	With
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	11.51 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

Circuit Application	Signal
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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	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

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

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



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



TE Part # 650473-5
096 EURO TYPE C PIN ST ASSY



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



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



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



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



TE Part # 5148059-5
ASSY,RECEPTACLE,EUROCARD,TYPE C,LEAD-FRE




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



TE Part # 5535043-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



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



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



TE Part # 5650470-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



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



TE Part # 5535032-4
ASSY,RECEPTACLE,EUROCARD,TYPE



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



TE Part # 5650889-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part # 5650963-5
ASSY,RECEPTACLE,EUROCARD,TYPE

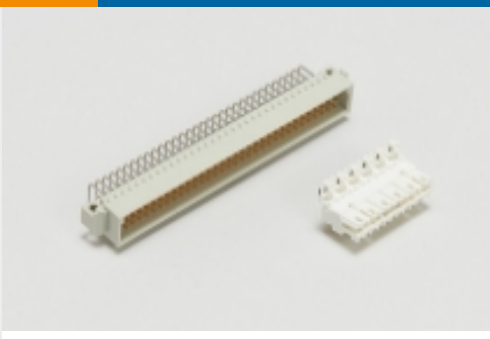


TE Part # 5148292-5
ASSY,RECEPTACLE,EUROCARD,TYPE

Also in the Series | Eurocard Type R



Eurocard Connectors(79)



Standard Edge Connectors(1)

Customers Also Bought



TE Part #640456-5
05P MTA100 HDR ASSY F/L SQ STR



TE Part #1-770166-1
02P MINI UMNL ASSY VO SNAU LF



TE Part #244837-E
SMCQ 26 M AB VV 8-13 CL * H007 137 E005



TE Part #2-2176308-2
RP 1E 0.1W 221K 0.1% 25PPM 5K RL



Documents

Product Drawings

[ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,96 PO](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5148304-4_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5148304-4_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5148304-4_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English