5148360-5 ✓ ACTIVE

EUROCARD | Eurocard Type R
TE Internal #: 5148360-5

Eurocard Connectors, Receptacle, Board-to-Board, 120 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, 3 Row, Right Angle, Eurocard Type R

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors

Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **2.92 mm [.115 in]**

Number of Positions: **120**

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

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II

Configuration Features

Number of Positions	120
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	40
Number of Signal Positions	120
Rows Loaded	A, B, C

Contact Features

Contact Cross Section	.64 x .64 mm[.025 x .025 in]
Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy

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

Housing Features

Housing Material	Polymer - GF
Housing Color	Gray
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]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box

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	

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Current ECHA Candidate List: JUNE 2022 (224)
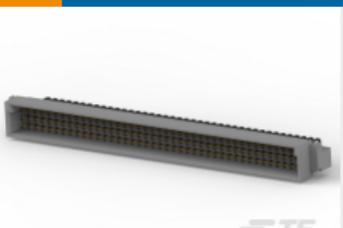Candidate List Declared Against: JUNE 2022 (224)
Does not contain REACH SVHC

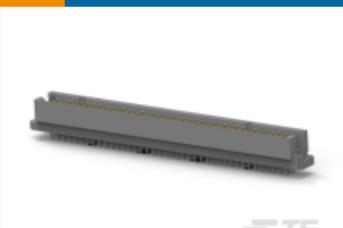| Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 5650906-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-

TE Part # 5650919-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,120 P

TE Part # 5650910-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,120 P

TE Part # 5650921-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-FREE,120 P

TE Part # 5650949-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,120 P

TE Part # 650919-5
120 EURO TYPE R PIN ST ASSY

TE Part # 650921-5
120 EURO TYPE R PIN AP ASSY

TE Part # 650910-5
120 EURO TYPE R PIN ST ASSY

Also in the Series | Eurocard Type R

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Eurocard Connectors(92)

Standard Edge Connectors(1)

Documents

Product Drawings
ASSY,RECEPTACLE,EUROCARD,TYPE

English

Product Specifications
Application Specification

English