536096-5 ✔ ACTIVE

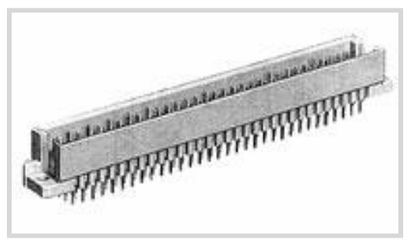
EUROCARD | Eurocard Type R

TE Internal #: 536096-5

Eurocard Type R, Eurocard Connectors, Plug, Board-to-Board, Termination Post & Tail Length 5.59 mm [.22 in], 150 Position, 2.54 mm [.1in] Centerline

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors



Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **5.59 mm [.22 in]**

Number of Positions: **150**

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

Features

Product Type Features

Make First / Break Last Contacts Loaded	Rows A,B,C- 1-50
Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
DIN Size	Half
DIN Level	II

Configuration Features

Mating & Unmating Configuration	Make First / Break Last
Number of Positions	150
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	50
Number of Signal Positions	150
Rows Loaded	A, B, C

Contact Features

Contact Cross Section	.5 x 1.34 mm[.025 x .025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[99.9998 – 199.9996 µin]

Contact Type	Pin
Contact Mating Area Plating Material Thickness	.076 – .127 µm[2.99212 – 4.99999 µin]
Contact Mating Area Plating Material	Gold
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
Termination Post & Tail Length	5.59 mm[.22 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	11.51 mm[.452 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Method	Box

Product Compliance

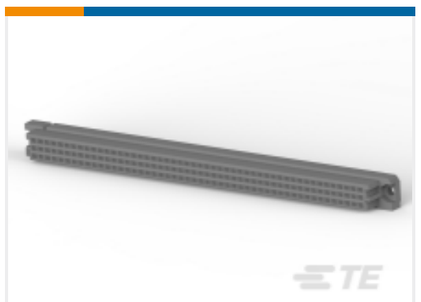
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

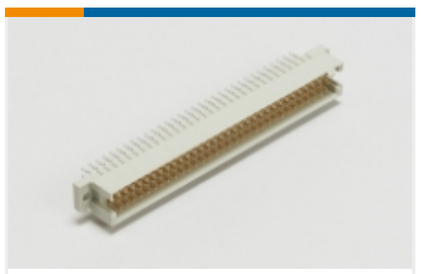
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

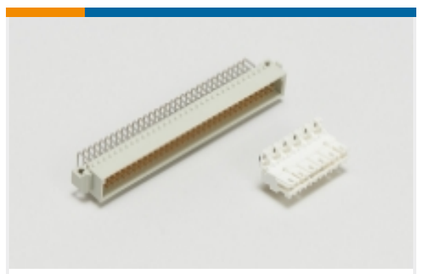


TE Part # 5650405-5
ASSEMBLY,RECEPTACLE,EUROCARD, T

Also in the Series | Eurocard Type R



Eurocard Connectors(92)

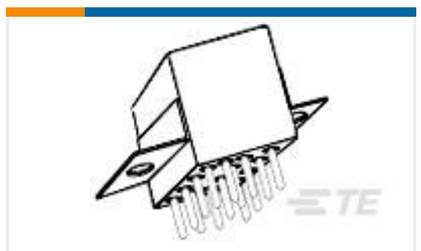


Standard Edge Connectors(1)

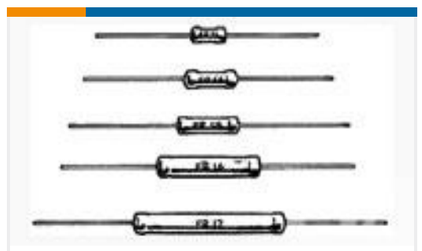
Customers Also Bought



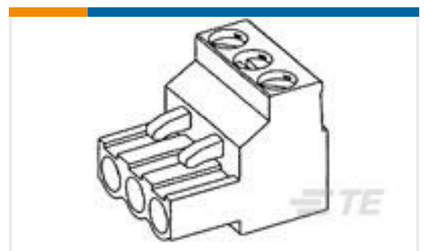
TE Part #1658019-3
MSB0.80PL25ASY120FL,-,10,-TY



TE Part #2-1617756-2
FCA-415-BY4



TE Part #6-1623746-7
ER74 R05 2% AMM0 PK



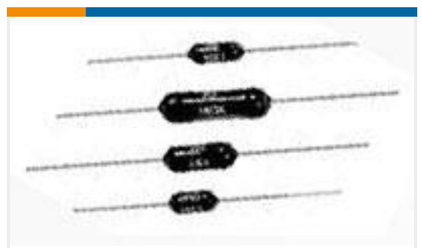
TE Part #282809-5
TERMI-BLOK PLUG STACKING 5P.10



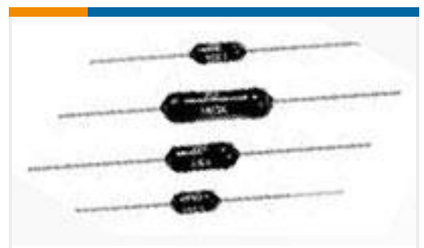
TE Part #4-1546158-4
6PCV-02-1216=6PCV ASSEMBLY W/P



TE Part #5650915-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,150 P



TE Part #6-1879672-4
H8 45R3 0.1% 25PPM



TE Part #9-1879672-4
H8 93R1 0.1% 25PPM



TE Part #3-1123723-3
3.96 EP HDR ASSY 3P(BLUE)



TE Part #3-644462-4
04P MTA156 CONN ASSY 20AWG LF

Documents

Product Drawings

150 EURO TYP R PIN AP MFBL ASY

English

Product Specifications

Application Specification

English