5536461-5 ✔ ACTIVE

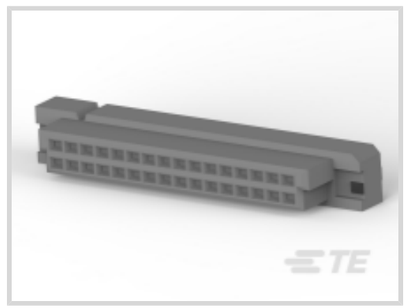
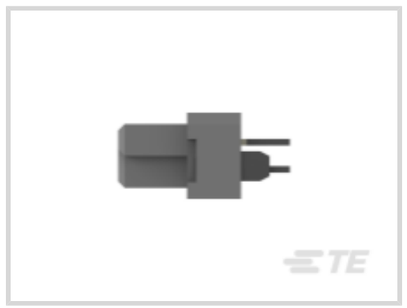
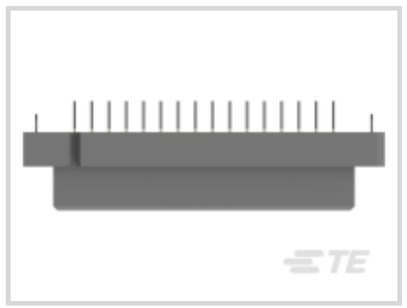
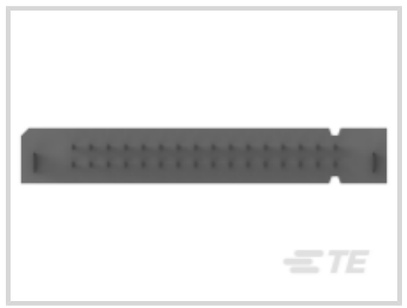
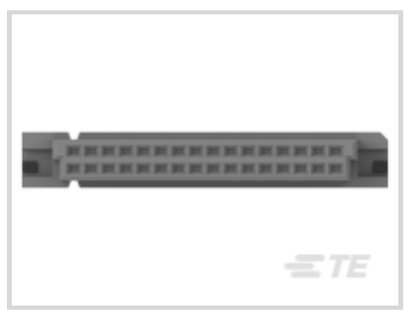
EUROCARD | Eurocard Type B

TE Internal #: 5536461-5

Receptacle, Board-to-Board, 32 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 2 Row, Vertical, Eurocard Type B, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors

Connector & Housing Type: **Receptacle**

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

Termination Post & Tail Length: **4.57 mm [.18 in]**

Number of Positions: **32**

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	32
Number of Rows	2
PCB Mount Orientation	Vertical
Number of Columns	16
Number of Signal Positions	32
Rows Loaded	A, B

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Gray

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 µm[100 – 200 µin]
Contact Layout	Inline
Contact Type	Socket
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.57 mm[.18 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	53.34 mm[2.1 in]
Connector Height	11.5 mm[.453 in]
Connector Width	8.05 mm[.317 in]
PCB Thickness (Recommended)	1.57 – 3.18 mm[.062 – .125 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

Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box & Tray, Package

Product Compliance

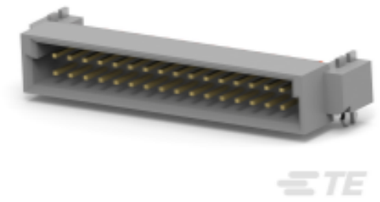
For compliance documentation, visit the product page on TE.com>

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	Wave solder capable to 265°C

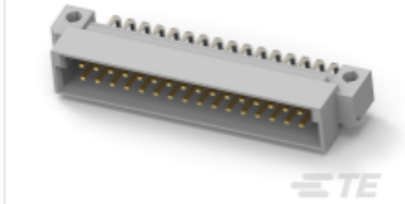
Product Compliance Disclaimer

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

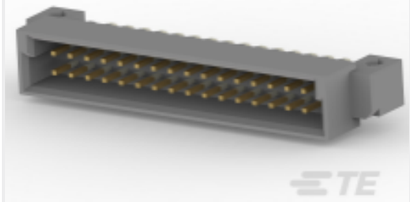
Compatible Parts



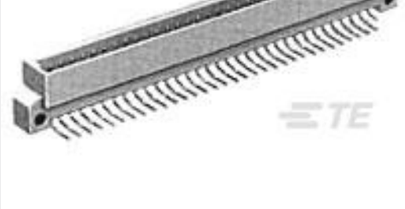
TE Part # 5536386-5
ASSY,PIN,EUROCARD,TYPE B/2,LEA



TE Part # 536053-5
032 EURO TYPE B PIN ASSY



TE Part # 5536053-5
ASSY,PIN,EUROCARD,TYPE B/2,LEA

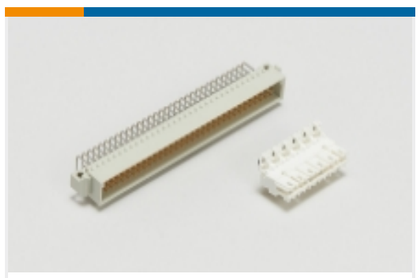


TE Part # 536386-5
032 EURO TYPE B PIN BDLK ASSY

Also in the Series | Eurocard Type B



Eurocard Connectors(34)



Standard Edge Connectors(2)

Customers Also Bought



TE Part #5050864-6
SOCKET,MIN-SPR SN SER-3



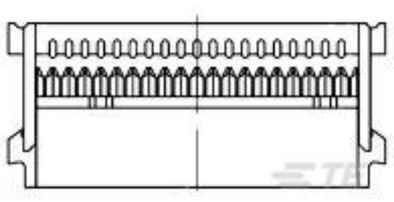
TE Part #6609032-4
2VR3=F7197 S0



TE Part #499252-5
010 STRAIN RELIEF A-L RCPT



TE Part #5747832-6
09 MSFL PLUG RA 590 (SL,FM,BL)



TE Part #1658526-4
609-1030LF FEM SOCKT,LEAD FREE



TE Part #5650478-5
ASSY,PIN,EUROCARD,TYPE C/2,LEA



TE Part #1-1825910-4
FSM8JH=6MM TACT SWITCH, HIGH TEMP



TE Part #350824-1
02P UMNL HDR ASSY PC 94VO



TE Part #1658623-1
10 NOVO MIL 30DP, LEAD FREE



TE Part #216398-4
48P.IEC-C MALE CONN

Documents

Product Drawings

ASSY,RECEPT,EURO,TYPE B,LEAD-FREE,32,.18

English

CAD Files

Customer View Model

ENG_CVM_CVM_5536461-5_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5536461-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5536461-5_O.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2380312-2 RH73H2A40MKTN U5254-000005-030PA 175977-2 1903112-2 2005330-1 1-962915-1 2310537-1 650075-000 CRGCQ2010J3K3 MPT100C18RF 917696-1 SBCHE154R7K CPF0402B37K4E1 TE50BR39J 2377783-2 1393431-1 141991-2 3-1393225-0 936348-1 2834055-1 ROX05SJ18R SBCHE64R7K SMW73R0JT 1-794222-0 1743455-2 2-292161-3 3430B2F51RTDF 3631B101LL 1969656-1