5148460-1 ✔ ACTIVE

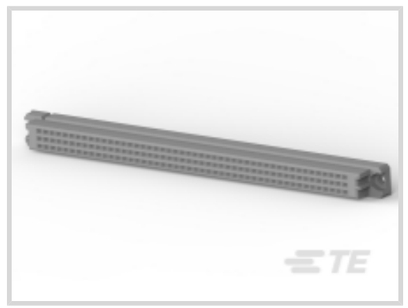
EUROCARD

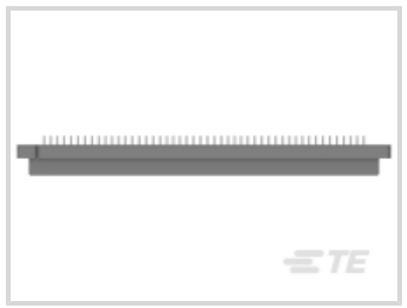
TE Internal #: 5148460-1

Receptacle, Board-to-Board, 144 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Vertical, 48 Column, 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: **3.3 mm [.13 in]**

Number of Positions: **144**

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	Expanded
DIN Level	II

Configuration Features

Number of Positions	144
Number of Rows	3
PCB Mount Orientation	Vertical
Number of Columns	48
Rows Loaded	A, B, C
Number of Signal Positions	144

Contact Features

Contact Base Material	Copper Alloy

PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.3 mm[.13 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

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>

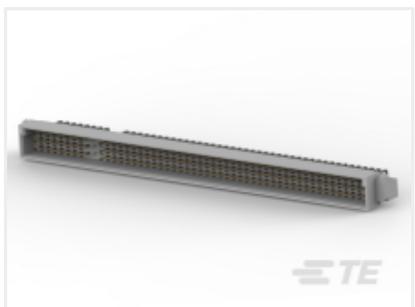
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JUNE 2025 (250) 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 # 5148468-1
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,144/1

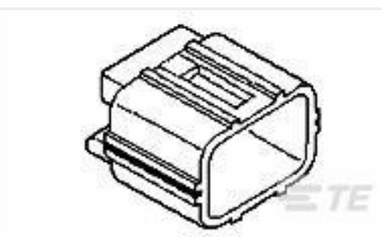
Customers Also Bought



TE Part #173090-2
.070 ECONOSEAL PLUG ASSY 2P



TE Part #173707-1
E-J MK-2 070 REC CONT LP



TE Part #174355-7
070 ECONOSEAL MARK-2 P/CAP 2P



TE Part #350689-3
UMNL SOK 24-18 PTPPHBZ L/P



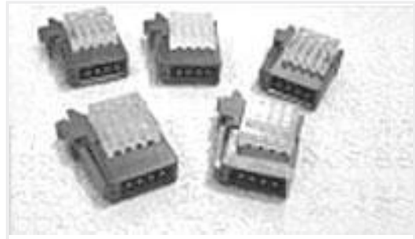
TE Part #350706-7
UMNL SPLIT PIN 24-18 AUBR L/P



TE Part #5-520315-3
TRIOMATE ASSY V 3P L=3.556LDFR



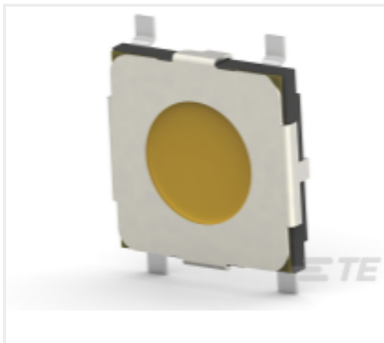
TE Part #2-1318120-3
DYNAMIC D2100 REC HSG 3P SGL Y



TE Part #1473562-3
RITS CONN. PLUG ASSY 3P YELLOW



TE Part #1734366-1
Std USB Type A, VT, T/H



TE Part #2337236-2
TACT MINI GW 5.2X5.2X0.8 160GF

Documents

Product Drawings

ASSY,RECPT,EUROCARD,TYPE C,L-FREE,144/15

English

CAD Files

Customer View Model

ENG_CVM_CVM_5148460-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148460-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148460-1_O.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English