5148468-1 ✔ ACTIVE

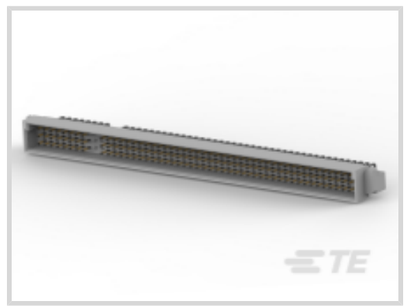
EUROCARD

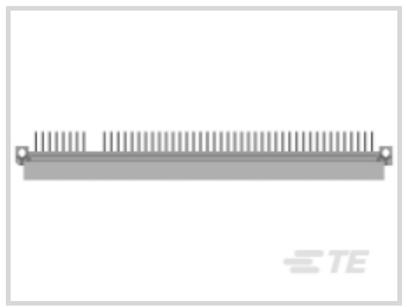
TE Internal #: 5148468-1

Plug, Board-to-Board, 144 Position, 2.54 mm [.1 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, 48 Column, Eurocard Connectors

View on TE.com >

Connectors > PCB Connectors > Backplane Connectors > Eurocard Connectors







Connector & Housing Type: **Plug**

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

Termination Post & Tail Length: **2.64 mm [.104 in]**

Number of Positions: **144**

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

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

Contact Features

Contact Base Material	Copper Alloy

Contact Type	Pin
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 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>

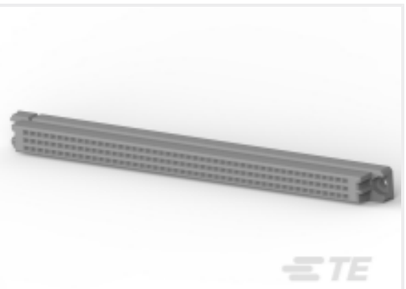
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250)

	Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 5148460-1
ASSY,RECPT,EUROCARD,TYPE C,L-FREE,144/15

Customers Also Bought



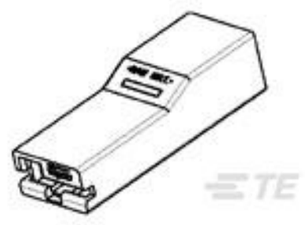
TE Part #42640-2
250 FASTON REC 22-18 AWG TPBR



TE Part #52043-2
TERMINAL R PG 4 10



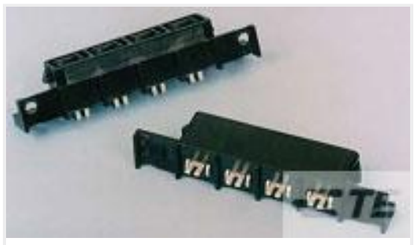
TE Part #5-103329-8
08 MODII HDR SRRA B/A .100 CL LF



TE Part #280232-6
250 FASTON POST INS.,REC.,1 POS, NATRUAL



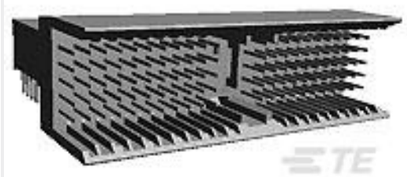
TE Part #350699-7
UMNL SPLIT PIN AUNI/BR



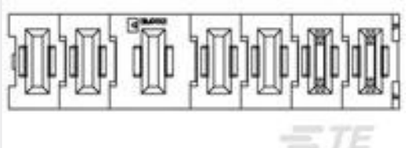
TE Part #556881-2
RCPT ASY,VRT,AMPINRGY WTB,2POS



TE Part #643423-1
06P UMNL HDR ASSY POL



TE Part #5106012-1
Z-PACK/C RAMH. 55P.



TE Part #6651593-1
CONNECTOR, SOCKET, STRAIGHT, SOLDER,FLA



TE Part #7-1393788-8
V23079G1005B301

Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,144/1

English

CAD Files

Customer View Model

ENG_CVM_CVM_5148468-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148468-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148468-1_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

Agency Approvals

UL

English