5148003-5 ✔ ACTIVE

EUROCARD

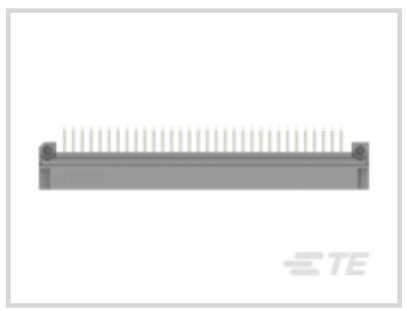
TE Internal #: 5148003-5

Eurocard Connectors, Plug, Board-to-Board, Termination Post & Tail Length 2.64 mm [.104 in], 96 Position, 2.54mm [.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: **2.64 mm [.104 in]**

Number of Positions: **96**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	96
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	32
Number of Signal Positions	64
Rows Loaded	A, B, C

Contact Features

Contact Cross Section	.64 x .64 mm[.025 x .025 in]
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Post & Tail Length	2.64 mm[.104 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	13.51 mm
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

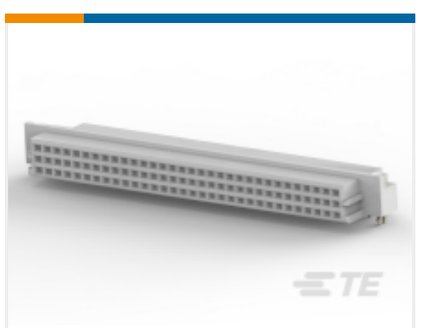
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

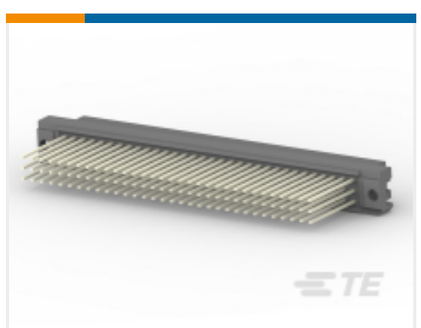
Product Compliance Disclaimer

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

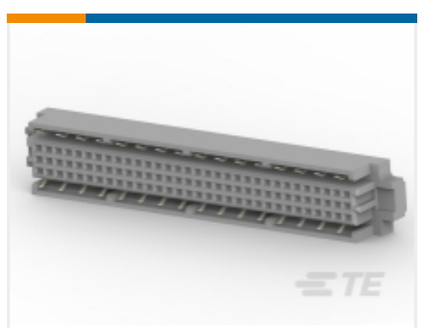
Compatible Parts



TE Part # 5650895-4
ASSY,RECEPT,EUROCARD,TYPE R,LE

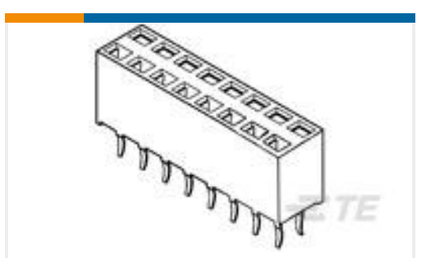


TE Part # 1-148059-5
096 EURO TYP C RECP 17MM ASSY



TE Part # 536154-5
096 ENHNCD EURO RECPT ST ASSY

Customers Also Bought



TE Part #215307-7
2X7P HV100 REC CON. TE, 7.0MM



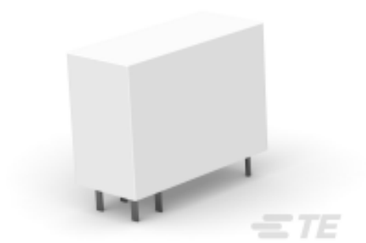
TE Part #1-770967-0
03P MINI UMNL R/A HDR ASSY SN



TE Part #2-2176322-4
SMV 1W 8M2 5%



TE Part #2-103673-3
24 MTE HDR SRRA LATCH W/HLDWN



TE Part #1-1649399-4
STD SCHRACK RZF Power Relays



TE Part #2311763-3
D-Sub Receptacle Assembly: Right Angle, 2.29mm



TE Part #1-382811-6
SHUNT,ECON,PHBR 15AU,BLACK L/P



TE Part #1-146762-6
26 MODII RCPT VERT DR



TE Part #1-1617542-6
JMACT-12XLS=M28776/1-034L



TE Part #YDIV43E11-35PNC003
RECP ASSY

Documents

Product Drawings

ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5148003-5_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5148003-5_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5148003-5_O.3d_stp.zip

English

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Product Specifications

Application Specification

English