188753-4 ✔ ACTIVE

TE Internal #: 188753-4

Plug, Board-to-Board, 48 Position, 5.08 mm [.2 in] Centerline, Printed Circuit Board, 3 Row, Right Angle, 16 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: **2.9 mm [.114 in]**

Number of Positions: **48**

Centerline (Pitch): **5.08 mm [.2 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	48
Number of Rows	3
PCB Mount Orientation	Right Angle
Number of Columns	16
Rows Loaded	Z, B, D
Number of Signal Positions	31

Termination Features

Termination Post & Tail Length	2.9 mm[.114 in]

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Row-to-Row Spacing	3.81 mm[.15 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Product Compliance

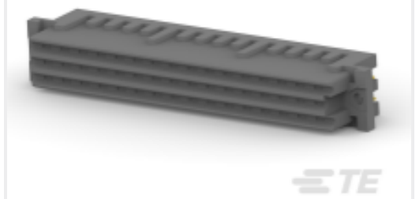
For compliance documentation, visit the product page on TE.com>

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 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

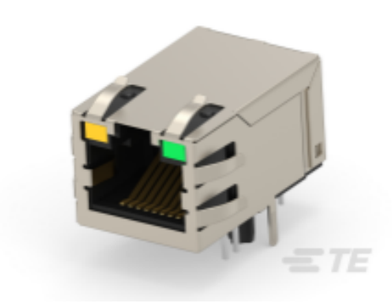
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

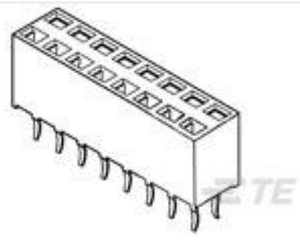


TE Part # 188826-4
31P.IEC-F FEM.CONN

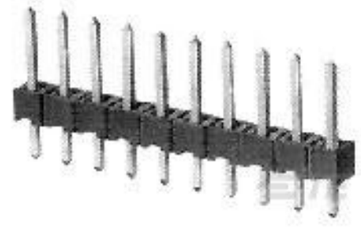
Customers Also Bought



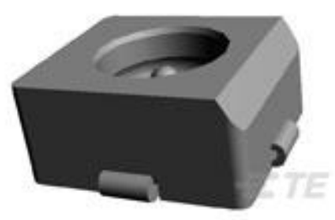
TE Part #203354-E
MJIM IMR 1X1 S 88 GF5 X R THRU * L1A M3D



TE Part #215307-4
2X4P HV100 REC CON. TE, 7.0MM



TE Part #826629-3
3P AMPMODU II

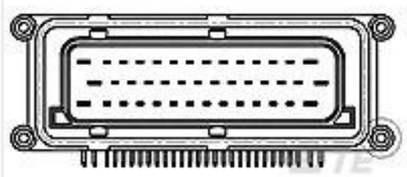


TE Part #1055688-1
2367 5001 54, VERT PLUG

TE Part #1676731-1
RN 0805 100R 0.1% 5PPM 1K RL

TE Part #2-1761607-7
IDC LOW PRO HDR 20P RA LAT

TE Part #2-1879461-2
RL73H 2A R10 1% 1K RL



TE Part #1-963484-3
MESSERLEISTE MIX70P

TE Part #6-1676731-6
RN 0805 750R 0.1% 5PPM 5K RL

TE Part #1365906-7
FRONT MODULE SL1-H16

Documents

Product Drawings

31P.IEC-F MALE CONN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_188753-4_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_188753-4_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_188753-4_F.3d_stp.zip

English

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Product Specifications

Application Specification

English