166733-4 ✔ ACTIVE

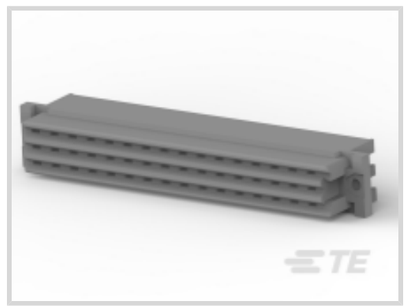
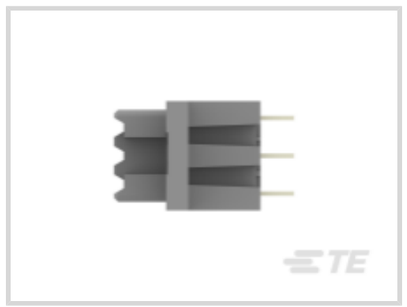
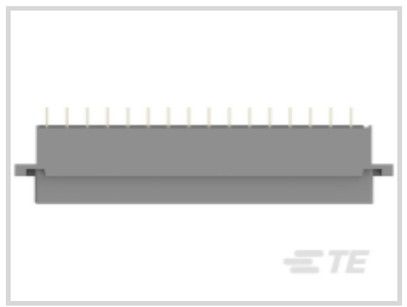
EUROCARD

TE Internal #: 166733-4

Receptacle, Board-to-Board, 48 Position, 5.08 mm [.2 in] Centerline, Printed Circuit Board, 3 Row, Vertical, 16 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: **4.5 mm [.177 in]**

Number of Positions: **48**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Eurocard Connector Configuration Type	Type F
Connector & Housing Type	Receptacle
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	Vertical
Number of Columns	16
Rows Loaded	Z, B, D
Number of Signal Positions	48

Body Features

Primary Product Color	Gray

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.76 µm
Contact Current Rating (Max)	5.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.5 mm[.177 in]

Mechanical Attachment

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

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

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

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Product Compliance

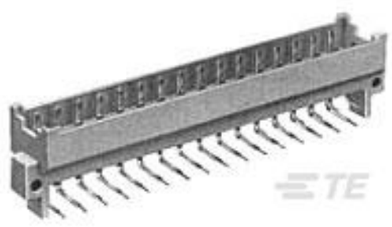
For compliance documentation, visit the product page on TE.com>

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

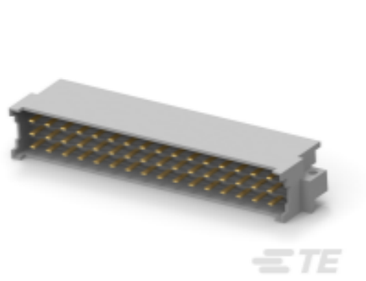
Product Compliance Disclaimer

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

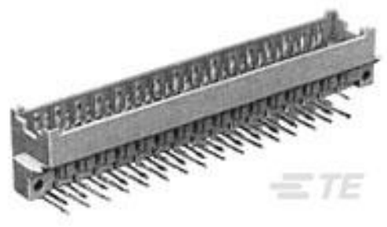
Compatible Parts



TE Part # 2-164045-8
48P.IEC-F MALE CONN

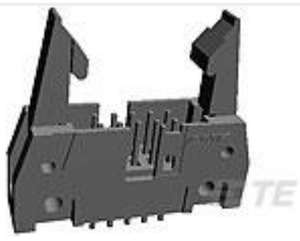


TE Part # 106351-1
48P.IEC-F MALE CONN



TE Part # 2-167495-4
48P.IEC-F MALE CONN

Customers Also Bought



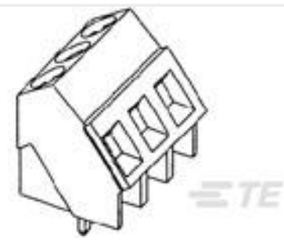
TE Part #1-102321-0
050 UNIV HDR SP 4S 30DP STD L1



TE Part #103309-6
026 LOPRO HDR SP 30DP



TE Part #194018-1
PIN ASSY..070



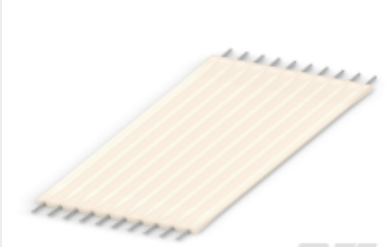
TE Part #282847-4
TERMI-BLOK PCB MOUNT 35 4P.5



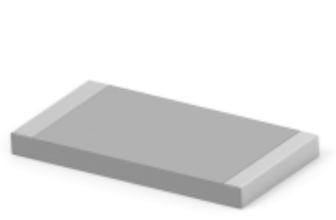
TE Part #292227-2
1.5 MINI CT SGL H SMT W BOSS 2



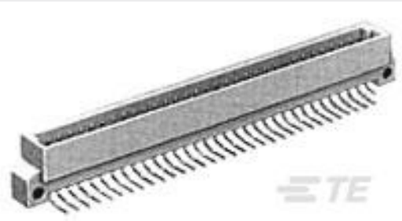
TE Part #1-350948-0
04P UMNL HDR ASSY R/A V2 NATL



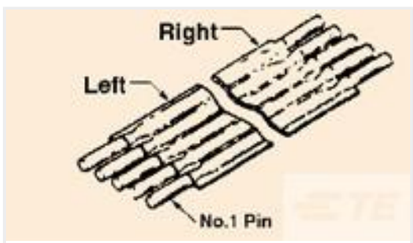
TE Part #3-1474644-9
FSN-22A-2



TE Part #2-2176331-5
CRGP 2512 1K0 1%



TE Part #5536385-5
ASSY,PIN,EUROCARD,TYPE B,LEAD-



TE Part #9-6474612-2
FSN-22A-6

Documents

Product Drawings

48P.IEC-F FEM.CONN.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_166733-4_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_166733-4_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_166733-4_E.3d_stp.zip

English

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