2-166648-4 ✔ ACTIVE

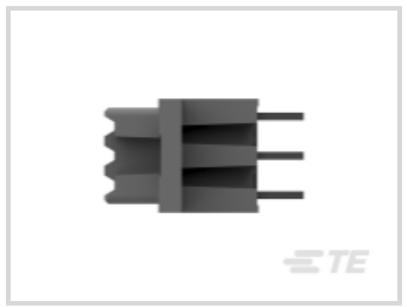
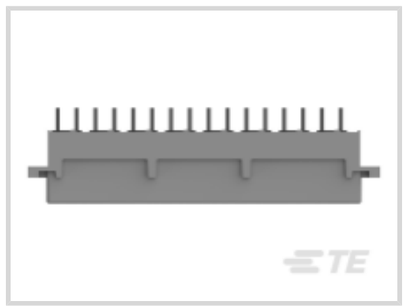
EUROCARD

TE Internal #: 2-166648-4

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: **22 mm [.866 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	III

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)	1.5 A

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	22 mm[.866 in]

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	43 mm
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

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Product Compliance

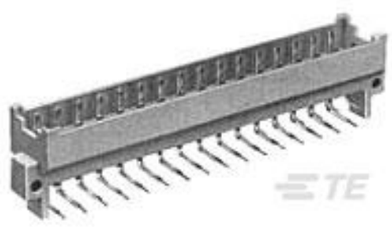
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

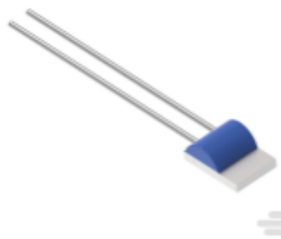


TE Part # 2-164045-8
48P.IEC-F MALE CONN

Customers Also Bought



TE Part #CONSMA007-G
SMA Plug 50 Ohm Cable Crimp



TE Part #10213359-00
Pt100, 2.0x2.3, Class B, PTFC101BC1G0



TE Part #CONSMA011-G
SMA Jack 50 Ohm Cable Crimp



TE Part #36195
SOLIS SPD 22-16COMM 22-18MIL 6



TE Part #206433-1
CPC RECPT ASSEMBLY SIZE 11-8



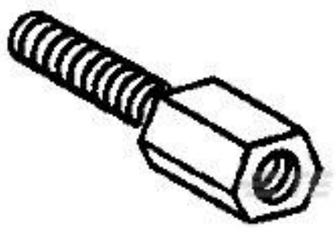
TE Part #1658610-3
15 POS HDF RCPT, MS, LEAD FREE



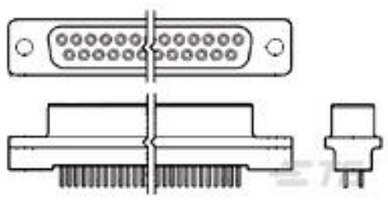
TE Part #1658613-3
15 POS HDF PLUG, MS, LEAD FREE



TE Part #5205207-1
HD RECPT ASSY SIZE 3



TE Part #5205818-3
FEMALE SCREWLOCK,PLTD



TE Part #5745078-4
HD-20 RCPT 25P VERT FFSCRLK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-166648-4_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-166648-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-166648-4_G.3d_stp.zip

English

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