5145263-2 ✔ ACTIVE

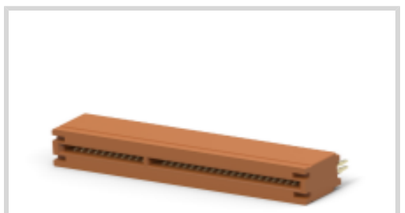
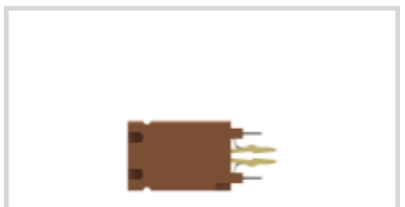
AMPMODU PC/104

TE Internal #: 5145263-2

Board-to-Board Card Edge Power Connector, 124 Position, 1 mm [.039 in] Centerline, Signal, 124 Signal Positions, 0 Dual Positions, AMPMODU PC/104

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Card Edge Power Connectors




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

Number of Positions: **124**

Centerline (Pitch): **1 mm [.039 in]**

Contact Current Rating (Max): **124 A**

Circuit Application: **Signal**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector Mates With	Printed Circuit Board
Connector & Housing Type	Receptacle
Connector System	Board-to-Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	124
Number of Signal Positions	124
Number of Dual Positions	0

Electrical Characteristics

Operating Voltage	60 VDC

Body Features

Primary Product Color	Brown

Contact Features

PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Underplating Material	Nickel
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Contact Current Rating (Max)	124 A
Contact Mating Area Plating Material	Gold (Au)

Termination Features

Termination Post & Tail Length	2.54 mm[.1 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	1 mm[.039 in]

Dimensions

Connector Height	13.97 mm[.549 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Tray
Packaging Quantity	48

Product Compliance

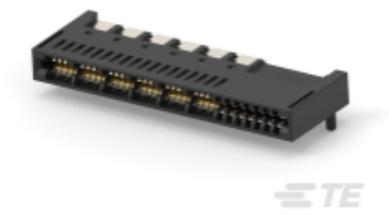
For compliance documentation, visit the product page on TE.com>

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

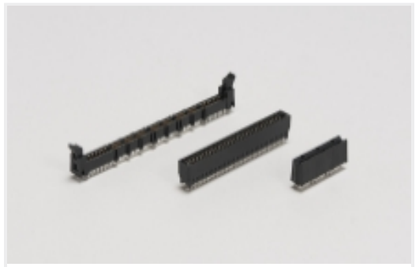
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

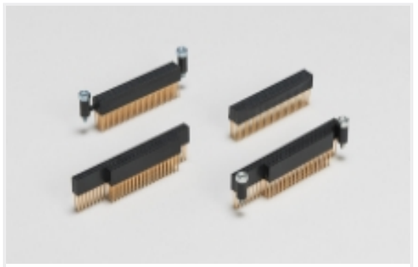


TE Part # 2343428-1
HD+ CE, RA, CRPS

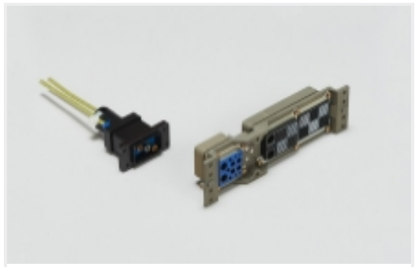
Also in the Series | AMPMODU PC/104



Card Edge Power Connectors(1)



PC/104 Connectors(10)



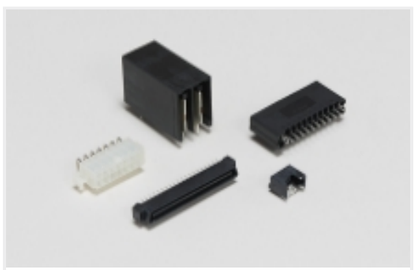
Rack & Panel Connectors(1)



Rectangular Connector Housings(1)



Rectangular Power Connectors(1)



Standard Rectangular Connectors(1)

Customers Also Bought



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



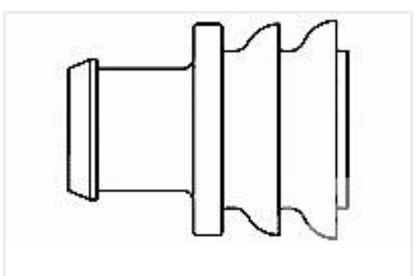
TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

1MM STD EDGE 124 POS

English

CAD Files

Customer View Model

ENG_CVM_CVM_5145263-2_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5145263-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5145263-2_A.3d_stp.zip

English

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Product Specifications

Application Specification

English