

5145263-2 ✓ ACTIVE

AMPMODU PC/104

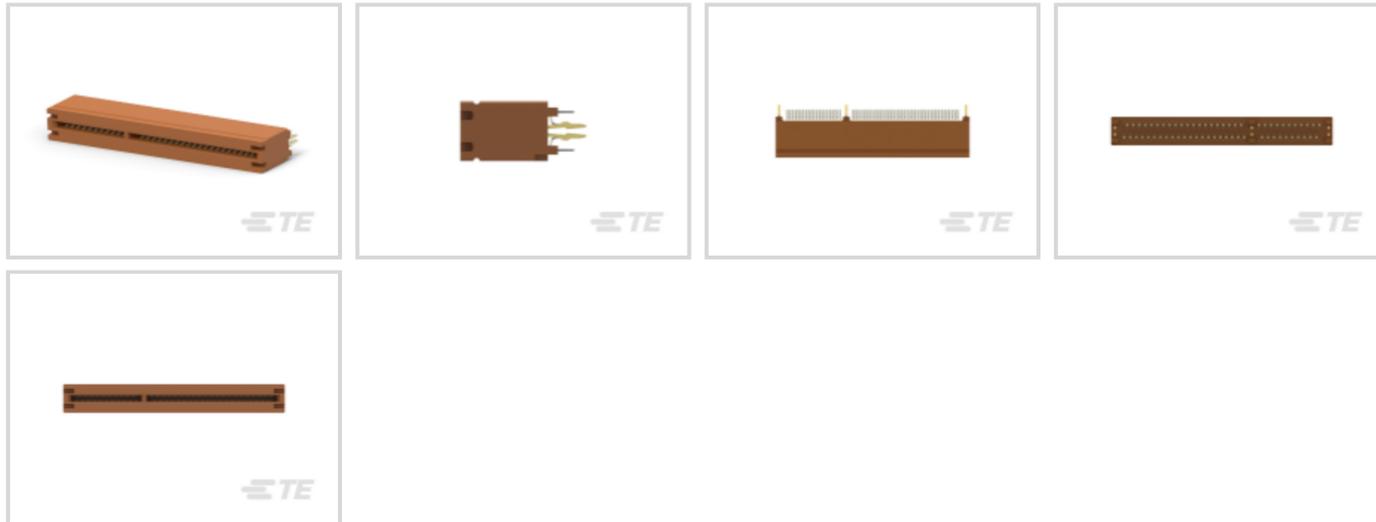
TE Internal #: 5145263-2

Card Edge Power Connectors, Board-to-Board, 124 Position, .039 in [1 mm] Centerline, Printed Circuit Board, Signal, AMPMODU PC /104

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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]**

Connector & Contact Terminates To: **Printed Circuit Board**

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

Features

Product Type Features

Housing Type	Receptacle
Product Type	Connector Assembly
Connector System	Board-to-Board
Contact Type	Socket
Connector & Contact Terminates To	Printed Circuit 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
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Contact Features

Contact Mating Area Plating Material Thickness	.38 μ m[15 μ in]
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Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	124 A
Contact Mating Area Plating Material	Gold
Contact Termination Area Plating Material	Tin over Nickel
Contact Termination Area Plating Thickness	2.54 μ m

Termination Features

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

Mechanical Attachment

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

Housing Features

End Caps	Without
Centerline (Pitch)	1 mm[.039 in]
Housing Color	Brown
Housing Material	Thermoplastic

Dimensions

Height	13.97 mm[.549 in]
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Usage Conditions

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

Circuit Application	Signal
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Industry Standards

Bus Type	AGP (Accelerated Graphic Port)
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Packaging Features

Packaging Method	Tray
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Packaging Quantity 48

Other

For Use With	Printed Circuit Board
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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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

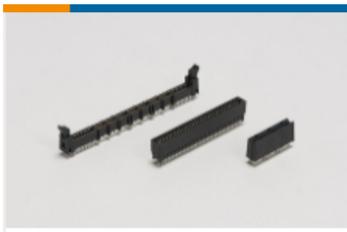
Product Compliance Disclaimer

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



Also in the Series | **AMPMODU PC/104**



Card Edge Power Connectors(5)



PC/104 Connectors(25)



Rack & Panel Connectors(1)



Rectangular Connector Housings(2)

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