

1375794-1 ✓ ACTIVE

AMPMODU | AMPMODU PC/104

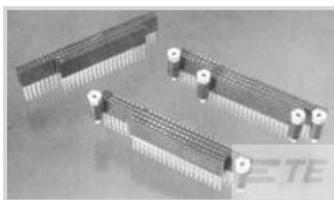
TE Internal #: 1375794-1

104 Position, 2.54 mm [.1 in] Centerline, AMPMODU PC/104, PC/104 Connectors

[View on TE.com >](#)



Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



Number of Positions: **104**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Loaded Positions: **102**

Contact Current Rating (Max): **3 A**

## Features

### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board

### Configuration Features

Stacking Configuration	Non-Stack Through
Keying & Polarized Position Locations	B-10, C-19
Number of Standoffs	2
Number of Positions	104
Number of Loaded Positions	102

### Electrical Characteristics

Insulation Resistance	1000 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

### Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Termination Post & Tail Length	3.03 mm[.119 in]
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### Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Action/Compliant Tail
Mating Alignment Type	Keyed
Mating Alignment	With

### Housing Features

Housing Material	Nylon - GF
Centerline (Pitch)	2.54 mm[.1 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Assembly Process Feature	Board Standoff
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

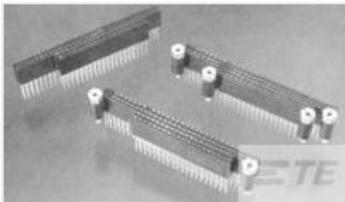
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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

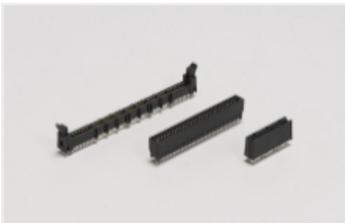
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Part # 1375794-3  
ASSY, 64/40 POS PC104 LF

## Also in the Series | AMPMODU PC/104



Card Edge Power Connectors(1)



Hand Crimping Tools(1)



PC/104 Connectors(25)



Rack & Panel Connectors(1)



Rectangular Connector Housings(1)



Rectangular Power Connectors(1)



Standard Rectangular Connectors(1)

## Customers Also Bought



## Documents

### Product Drawings

[ASSY, 64/40 POS PC104](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1375794-1\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1375794-1\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1375794-1\\_E.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

## Datasheets & Catalog Pages



## AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION1AND2

English

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### Product Specifications

Application Specification

English

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### Agency Approvals

UL Report

English

UL Report

English