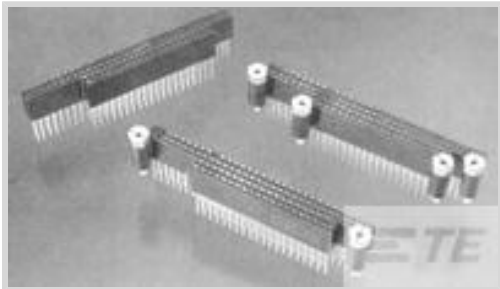




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



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

Number of Positions: **104**

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

Number of Loaded Positions: **104**

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

Features

Product Type Features

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

Configuration Features

Stacking Configuration	Non-Stack Through
Number of Positions	104
Number of Loaded Positions	104

Electrical Characteristics

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

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

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

Termination Features

Termination Post & Tail Length	3.03 mm[.119 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment



PCB Mount Retention Type	None
Connector Mounting Type	Board Mount

Housing Features

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

Other

Board-to-Board Connectors Comment	See Specific Info Link for information on a PC/104 Extraction Tool., Solder Type
-----------------------------------	--

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 1375963-2
PC104 CONN NONSTKTHRU NO
STNDO

TE Part # 1375963-3
PC104 CON NONSTKTRU NO STND
LF

Customers Also Bought

TE Part #2301835-1
AMPL PLUG HD20, VERT, 25P, B/L,4-
40 INS

TE Part #2007254-1
SFP+ 1x1 Cage Assembly, Light Pipe

TE Part #1-1469372-1
ATCA GUIDE MODULE RA MALE

TE Part #1827654-1
2mm pitch Battery Plug Assy. 7Pos.
H=4.0

TE Part #1827684-1
2mm pitch Battery Rec. Assy. 7Pos.
H=4.0

TE Part #5650462-5
ASSY,RECEPTACLE,EUROCARD,TYPE

TE Part #87733-1
20 MODIV HSG W/STR RLF DR MRKD

TE Part #6-2176397-4
3502 430R 1%

TE Part #1469374-1
ATCA GUIDE RIGHT ANGLE FEMALE

TE Part #2263039-1
1 QUAD 21 AWG 120 OHMS
DATABUS LSZH CABL

Documents

Product Drawings
PC104 CONN NONSTKTHU NO STNDOL
English



CAD Files

Customer View Model

[ENG_CVM_1375963-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1375963-4_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1375963-4_C.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

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English