1375795-3 ✔ ACTIVE

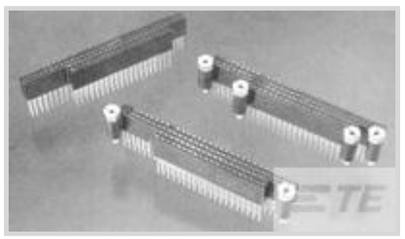
AMPMODU | AMPMODU PC/104

TE Internal #: 1375795-3

PC/104 Connectors, Board-to-Board, 104 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, Signal, Board Mount, AMPMODU PC/104

View on TE.com >

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: **102**

Sealable: **No**

Features

Product Type Features

Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

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

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	12.27 mm[.483 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

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

Housing Features

Housing Material	Nylon - GF
Housing Color	Black
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

Comment	Flat-rock insertable, See Specific Info Link for information on a PC/104 Extraction Tool.

Product Compliance

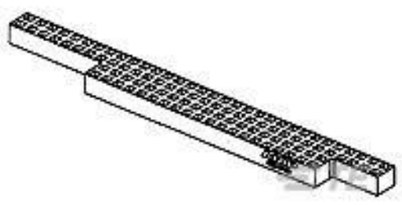
For compliance documentation, visit the product page on TE.com>

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: JUN 2016 (169) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

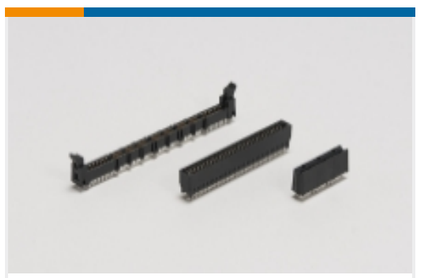
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1445251-1
ORGANIZER PC/104

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

ASSY, 64/40 POS PC104 LF

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1375795-3_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_1375795-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_1375795-3_H.3d_stp.zip

English

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION1AND2

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English