1375795-1 ✔ ACTIVE

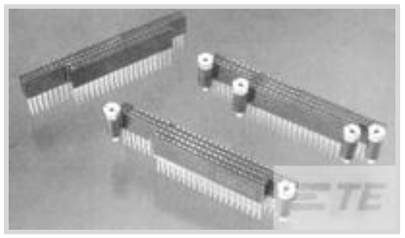
AMPMODU | AMPMODU PC/104

TE Internal #: 1375795-1

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	Stack Through
Keying & Polarized Position Locations	B-10, C-19
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

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
Termination Post & Tail Length	12.27 mm[.483 in]

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]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Product Compliance

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

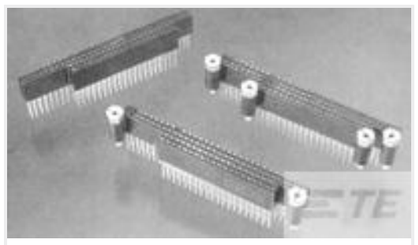
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	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 Regulation, the information TE provides

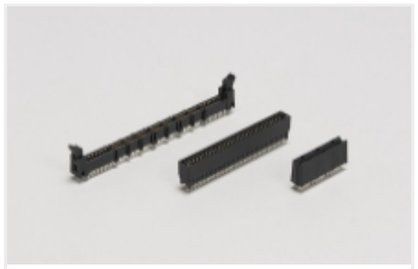
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts

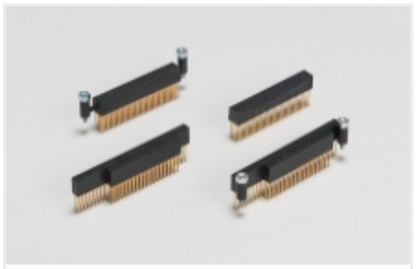


TE Part # 1375795-5
PC104 ASY STKTHRU UNKEYED

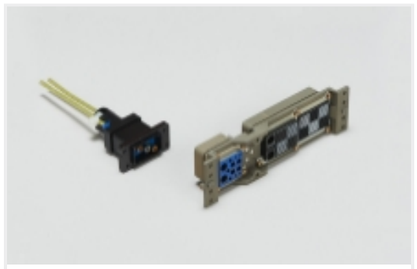
Also in the Series | AMPMODU PC/104



Card Edge Power Connectors(1)



PC/104 Connectors(12)



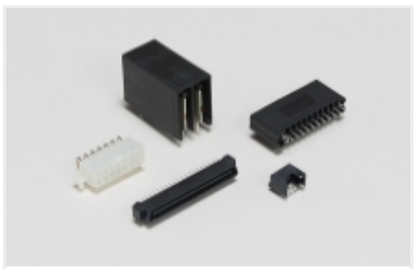
Rack & Panel Connectors(1)



Rectangular Connector Housings(1)

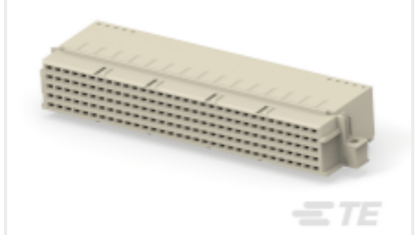


Rectangular Power Connectors(1)



Standard Rectangular Connectors(1)

Customers Also Bought



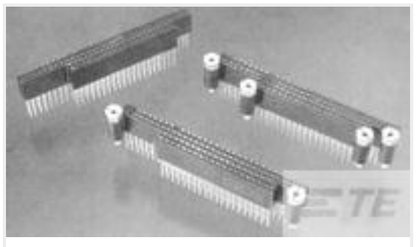
TE Part #374385-E
STVTE 160 FI ABCDE VVVVV 7-03 TL-S * * 1



TE Part #1-148057-5
096 EURO TYP C RECP 13MM ASSY



TE Part #532434-8
HDI RECP ASSY 4 ROW 220 POS



TE Part #1375796-4
PC104 ASY UNKEYED LF



TE Part #1676181-2
RN 0805 13K3 0.1% 10PPM 1KRL



TE Part #2-1879378-4
TLR 2512 3.0W R002 1% 50PPM 2K RL



TE Part #1981584-1
MICRO USB, TYPE A/B, GRAY



TE Part #5414363-3
PLUG,CABLE,RTANG,SMB, PB FREE



TE Part #1878648-7
PM210OR

Documents

Product Drawings

ASSY, 64/40 POS PC104

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1375795-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_1375795-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_1375795-1_H.3d_stp.zip

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

UL Report

English