1375799-3 ✔ ACTIVE

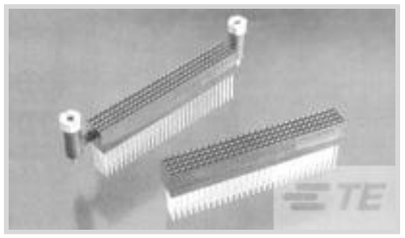
AMPMODU | AMPMODU PC/104

TE Internal #: 1375799-3

120 Position, 2 mm [.079 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: **120**

Centerline (Pitch): **2 mm [.079 in]**

Number of Loaded Positions: **119**

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

EU RoHS Compliance: **Compliant**

Features

Configuration Features

Number of Positions	120
Number of Loaded Positions	119
Stacking Configuration	Stack Through
Keying & Polarized Position Locations	D-30

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	Nylon - GF

Contact Features

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Electrical Characteristics

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

Body Features

Primary Product Color	Black

Termination Features

Termination Method to PCB	Through Hole - Press-Fit
Termination Post & Tail Length	12.27 mm[.493 in]

Mechanical Attachment

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

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

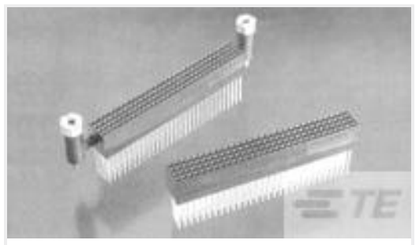
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

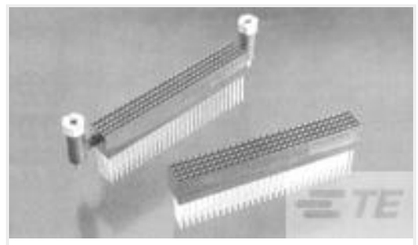
Product Compliance Disclaimer

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 # 1375799-2
ASSY, 120 POS PC104 PLUS

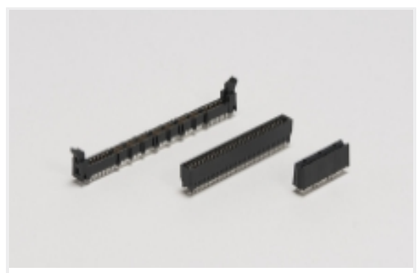


TE Part # 1375800-3
ASSY, 120 POS PC104 PLUS

Also in the Series | AMPMODU PC/104



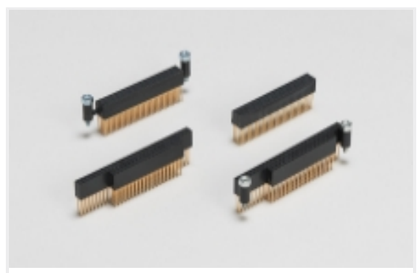
Automotive Housings(2)



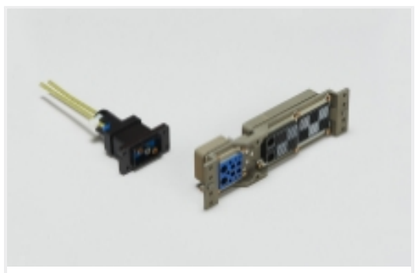
Card Edge Power Connectors(1)



Hand Crimping Tools(1)



PC/104 Connectors(25)

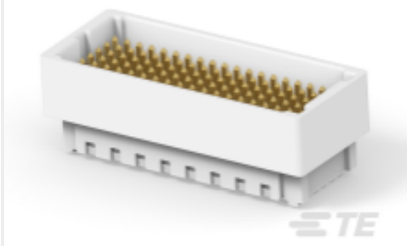


Rack & Panel Connectors(1)

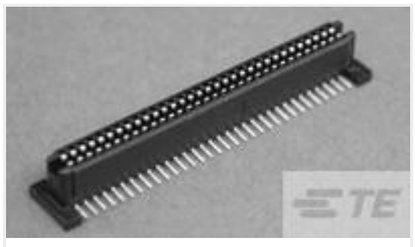


Rectangular Connector Housings(2)

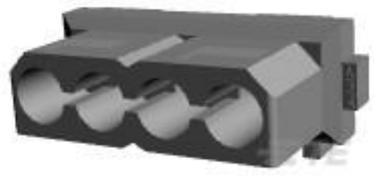
Customers Also Bought



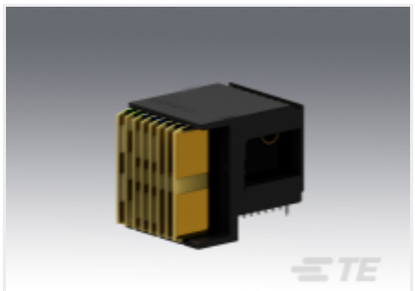
TE Part #2102060-2
High-speed Mezzanine Connector: Pin & Socket Connector



TE Part #1-5120528-1
1FHR,64,50A/S,N,C,S08,09,10



TE Part #794287-1
04P CMNL HDR ASSY BLK HT



TE Part #2102772-2
Plug Assy, R Angle, 7Row, Left, MG, RUG

Documents

Product Drawings

ASSY, 120 POS PC104 PLUS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1375799-3_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_1375799-3_H.3d_igs.zip

English

Customer View Model

ENG_CVM_1375799-3_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