1375799-1 ✔ ACTIVE

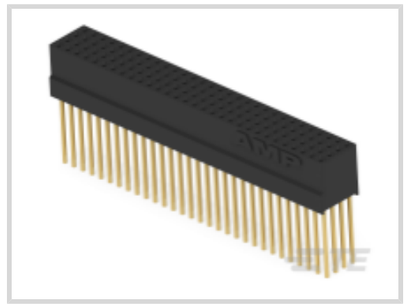
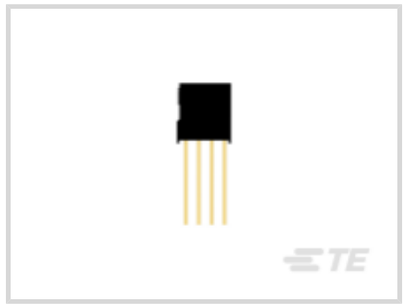
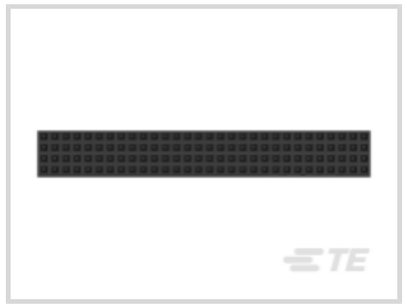
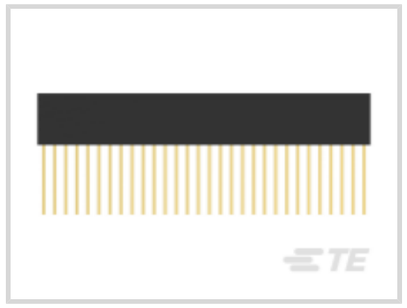
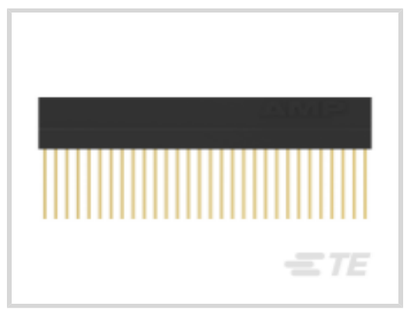
AMPMODU | AMPMODU PC/104

TE Internal #: 1375799-1

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: **120**

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
Number of Positions	120
Number of Loaded Positions	120

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[.493 in]

Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	Action/Compliant Tail

Housing Features

Housing Material	Nylon GF
Centerline (Pitch)	2 mm[.079 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>

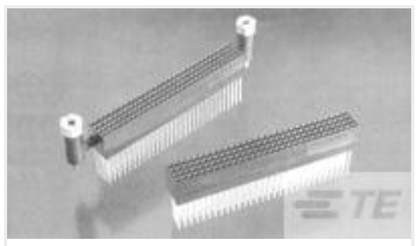
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

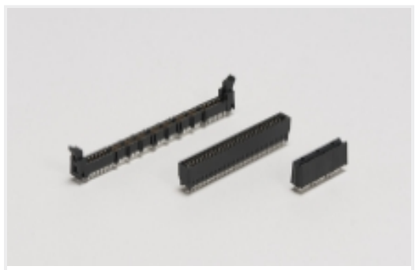
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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

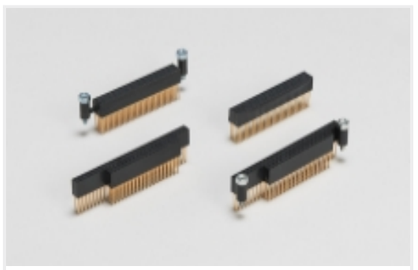


TE Part # 1375800-1
ASSY, 120 POS PC104 PLUS

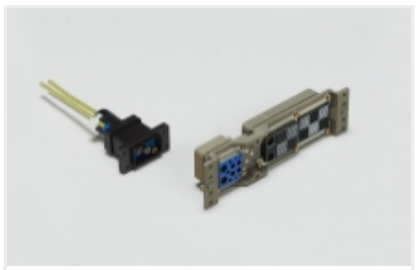
Also in the Series | AMPMODU PC/104



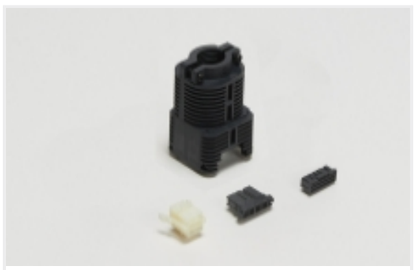
Card Edge Power Connectors(1)



PC/104 Connectors(10)



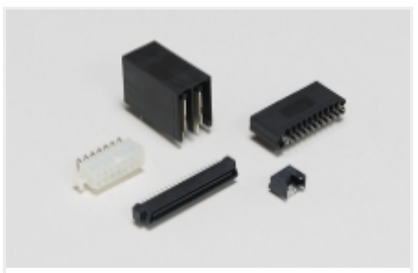
Rack & Panel Connectors(1)



Rectangular Connector Housings(1)



Rectangular Power Connectors(1)



Standard Rectangular Connectors(1)

Customers Also Bought



TE Part #171826-4
POST HEADER ASSY HORIZONTAL EI



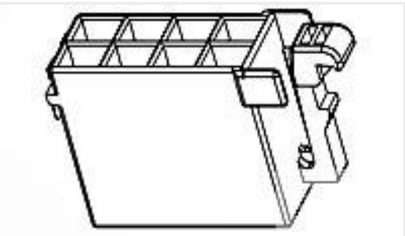
TE Part #2-327956-1
PIDG RECT 22-16COMM 22-18MIL 6



TE Part #350586-4
09P UMNL HDR ASSY PC NATL LF



TE Part #350732-1
06P UMNL PIN HDR ASSY 94VO



TE Part #963120-1
8P JUNIOR TIMER HOUSING



TE Part #1-1469492-7
MULTIGIG RT 9MM GUIDE/ESD 270 DEG



TE Part #1571983-1
GDH02S04=DIP SWITCH



TE Part #2000676-2
Keyed Guide Pin, Machined, Vita 46



TE Part #2000713-9
RA Keyed Guide Mod, Vita 46, Machined



TE Part #5787394-7
68 50SR R/A RCPT ASSY, LD FREE

Documents

Product Drawings

ASSY, 120 POS PC104 PLUS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1375799-1_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_1375799-1_H.3d_igs.zip

English

Customer View Model

ENG_CVM_1375799-1_H.3d_stp.zip

English

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Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION1AND2

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

UL Report

English