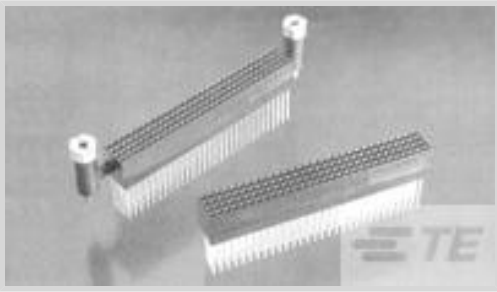




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



Number of Positions: 120
Centerline (Pitch): 2 mm [.079 in]
Number of Loaded Positions: 119
Contact Current Rating (Max): 3 A

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

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

Body Features

Primary Product Color	Black
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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[.493 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
Centerline (Pitch)	2 mm[.079 in]

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

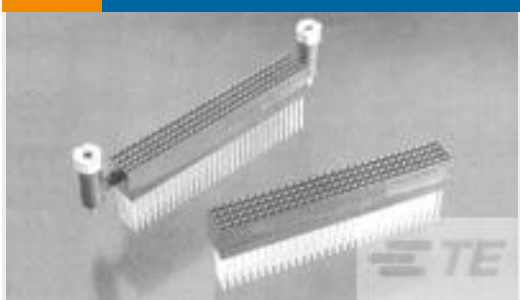
Product Compliance Disclaimer

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

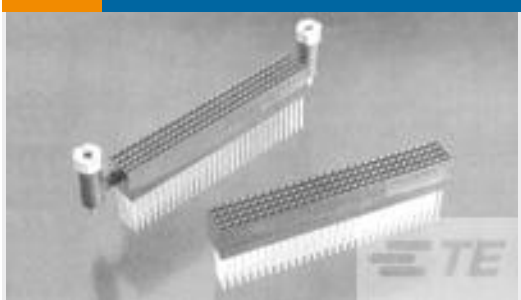


as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 1375799-2
ASSY, 120 POS PC104 PLUS

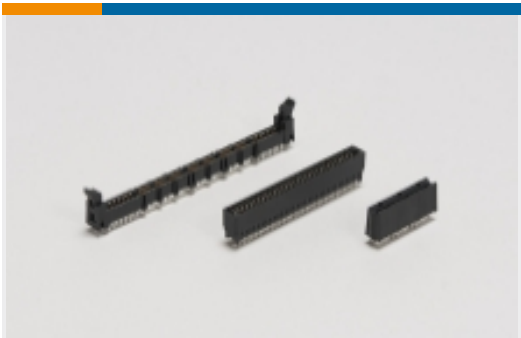


TE Part # 1375800-3
ASSY, 120 POS PC104 PLUS

Also in the Series | AMPMODU PC/104



Automotive Housings(2)



Card Edge Power Connectors(5)



Hand Crimping Tools(1)



PC/104 Connectors(25)

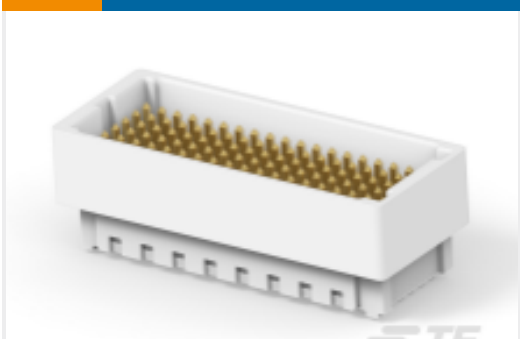


Rack & Panel Connectors(1)

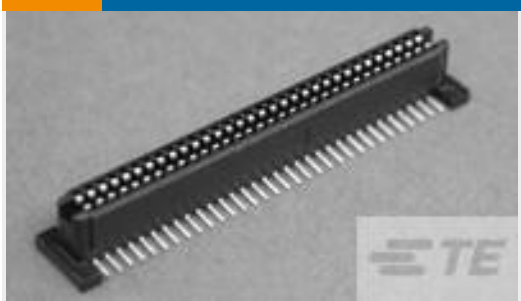


Rectangular Connector Housings(2)

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