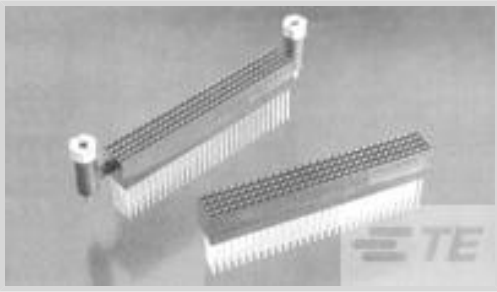




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



Connector System: **Board-to-Board**
Number of Positions: **120**
Centerline (Pitch): **2 mm [.079 in]**
Number of Loaded Positions: **120**
Connector & Contact Terminates To: **Printed Circuit Board**

Features

Product Type Features

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

Configuration Features

Stacking Configuration	Non-Stack Through
Number of Positions	120
Number of Loaded Positions	120

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	2.85 mm[.112 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit



Mechanical Attachment

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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Other

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

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (13% in Component) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

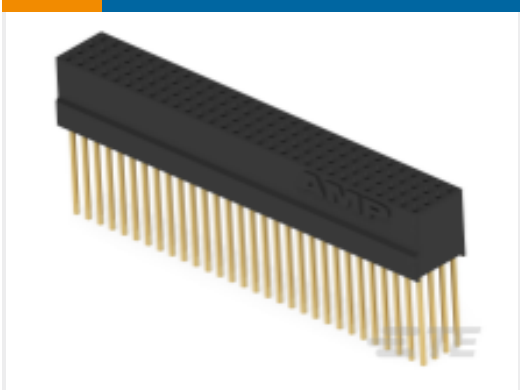
Product Compliance Disclaimer

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

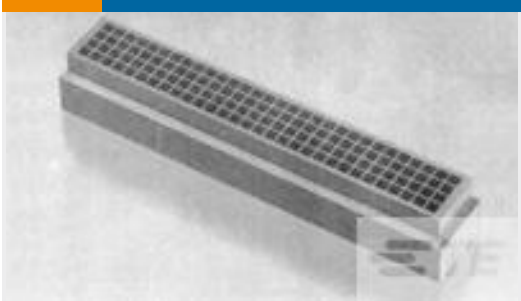


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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 # 1375799-1
ASSY, 120 POS PC104 PLUS

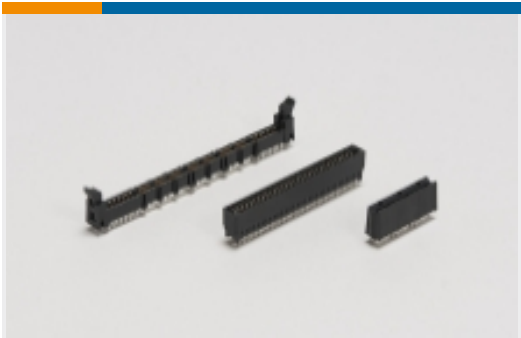


TE Part # 1375801-1
SHROUD, 120 POS PC104 PLUS

Also in the Series | AMPMODU PC/104



Automotive Housings(1)



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 #640456-2
02P MTA100 HDR ASSY F/L SQ STR



TE Part #1-1469492-2
MULTIGIG RT 9MM GUIDE/ESD 45 DEG



TE Part #1-1469492-8
MULTIGIG RT 9MM GUIDE/ESD 315 DEG



TE Part #5103309-1
A/L LOW PRO HDR 10P VERT BLACK DEG



TE Part #2-1879214-5
CPF 0402 576R 0.1% 25PPM 1K RL



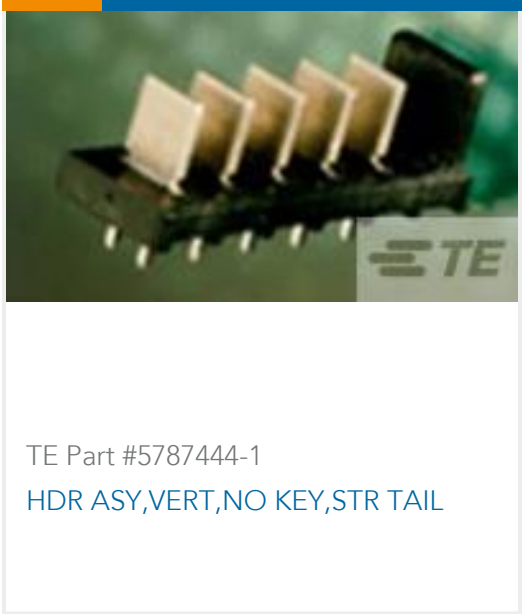
TE Part #9-1879333-1
CPF0402 200K 0.1% 25PPM 5K RL



TE Part #3-1625867-7
RP 1J 0.166W 14R7 0.1% 25PPM 1K RL



TE Part #2-1879453-8
TE 1000W 180R 5% Bracket



TE Part #5787444-1
HDR ASY,VERT,NO KEY,STR TAIL

Documents

Product Drawings
ASSY, 120 POS PC104 PLUS
English

CAD Files
Customer View Model
ENG_CVM_1375800-1_G.3d_igs.zip
English
Customer View Model
ENG_CVM_1375800-1_G.3d_stp.zip
English
Customer View Model
ENG_CVM_1375800-1_G.2d_dxf.zip
English
3D PDF
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