

1375799-1 ✓ ACTIVE

AMPMODU | AMPMODU PC/104

TE Internal #: 1375799-1

AMPMODU PC/104, PC/104 Connectors, Board-to-Board, 120

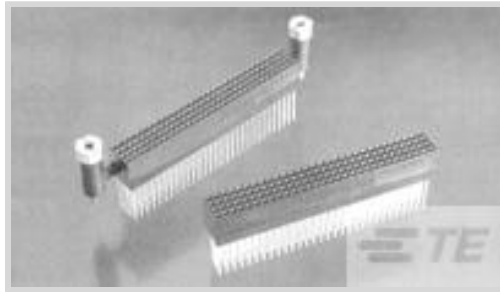
Position, 2mm [.079in] Centerline, Printed Circuit Board, 3A Contact

Current Rating (Max)

[View on TE.com >](#)



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**

Sealable: **No**

Features

Product Type Features

Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

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

Electrical Characteristics

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

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



PCB Mount Retention Type	Action/Compliant Tail
--------------------------	-----------------------

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Housing Material	Nylon - GF
------------------	------------

Housing Color	Black
---------------	-------

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
------------------------	----------

Other

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

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
--	---

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
-----------------	---

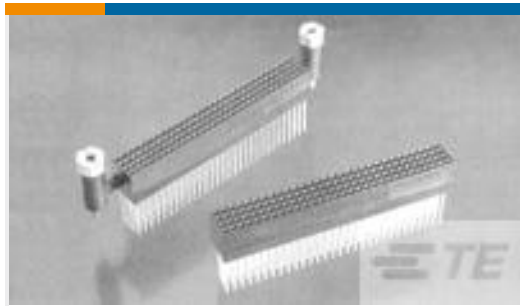
Solder Process Capability	Not applicable for solder process capability
---------------------------	--

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

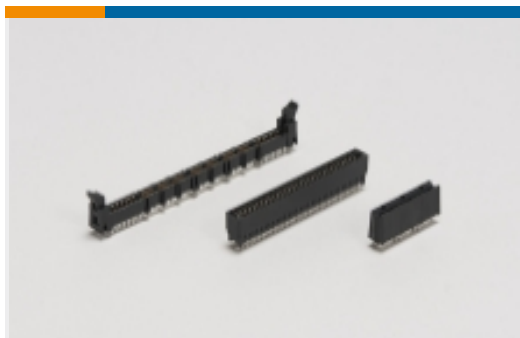
numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the 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 # 1375800-1
ASSY, 120 POS PC104 PLUS

Also in the Series | AMPMODU PC/104



Card Edge Power Connectors(5)



PC/104 Connectors(25)

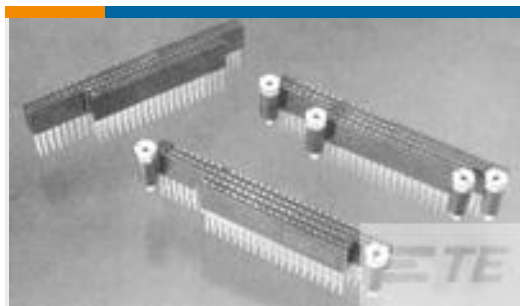


Rack & Panel Connectors(1)



Rectangular Connector Housings(2)

Customers Also Bought



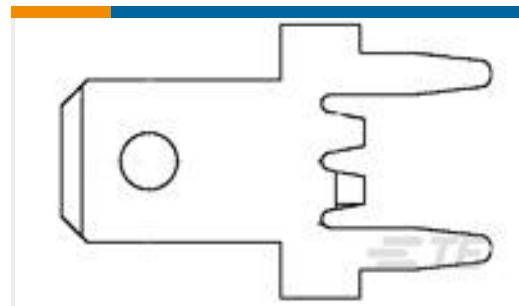
TE Part #1375795-2
PC104 ASY STKTHRU UNKEYED



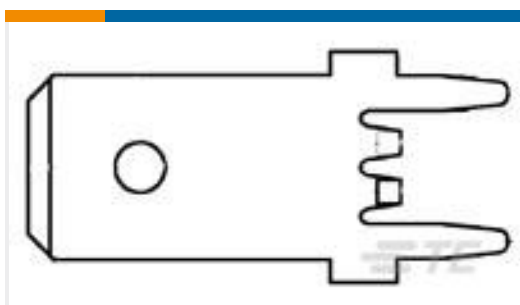
TE Part #1-1469492-7
MULTIGIG RT 9MM GUIDE/ESD 270 DEG



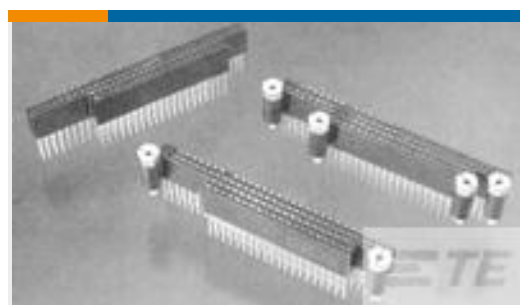
TE Part #1-1469492-8
MULTIGIG RT 9MM GUIDE/ESD 315 DEG



TE Part #1217332-1
187 FASTON,PCB TAB,TCBR DEG



TE Part #1217169-1
250 FASTON,PCB TAB,TCBR



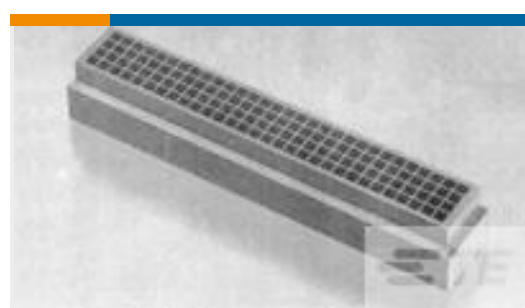
TE Part #1375795-1
ASSY, 64/40 POS PC104



TE Part #100751-1
Z-PACK/N M-HSG 3P.



TE Part #1-2176381-8
RQ 0805 18K7 0.1% 10PPM 5K RL



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



TE Part #DTM15-12PA-G003
DEUTSCH DTM HEADERS

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

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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

1375799-1

AMPMODU PC/104, PC/104 Connectors, Board-to-Board, 120 Position, 2mm [.079in]
Centerline, Printed Circuit Board, 3A Contact Current Rating (Max)



English