

1375799-1 ✓ ACTIVE

AMPMODU | AMPMODU PC/104

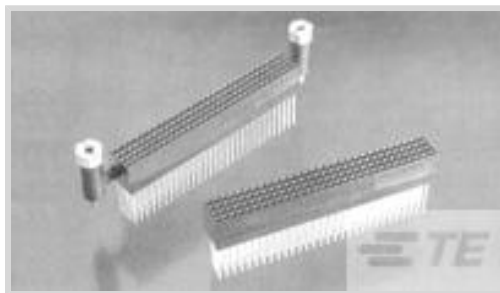
TE Internal #: 1375799-1

TE Internal Description: ASSY, 120 POS PC104 PLUS

[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
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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: JUL 2019 (201)
 Candidate List Declared Against: JUL 2017 (174)
 Does not contain REACH SVHC

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUL 2019 (201)
 Candidate List Declared Against: JUL 2017 (174)

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

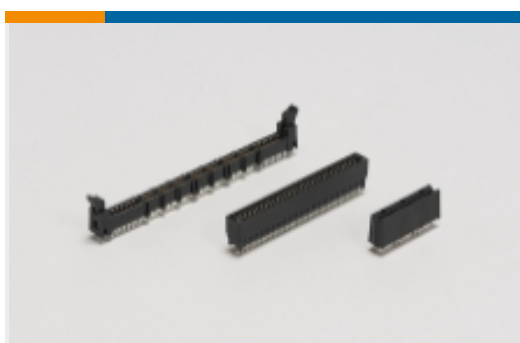
Not applicable for solder process capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | AMPMODU PC/104



Card Edge Power Connectors(5)



PC/104 Connectors(22)

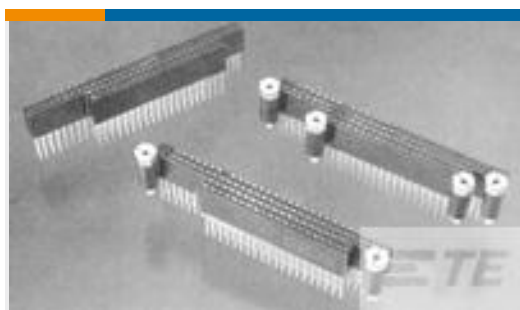


Rack & Panel Connectors(1)



RF Cable Assemblies(1)

Customers Also Bought



TE Model / Part #1375795-2
PC104 ASY STKTHRU UNKEYED



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



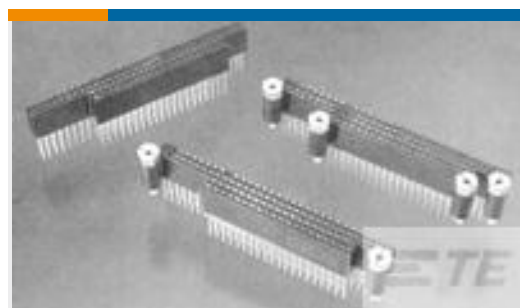
TE Model / Part #1-1469492-8
MULTIGIG RT 9MM GUIDE/ESD 315 DEG



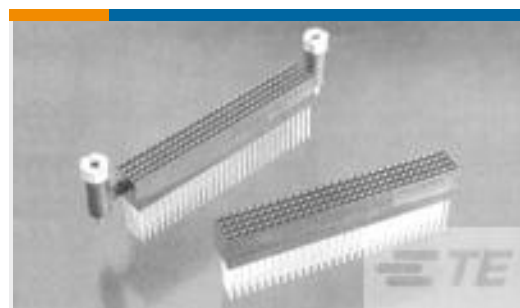
TE Model / Part #1766500-1
Assembly, Right Angle, Advance DEG



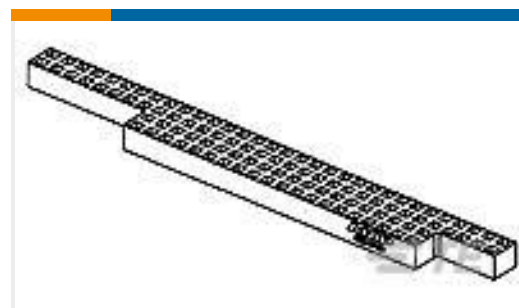
TE Model / Part #1888617-1
Cage Assy, QSFP, Through Bezel



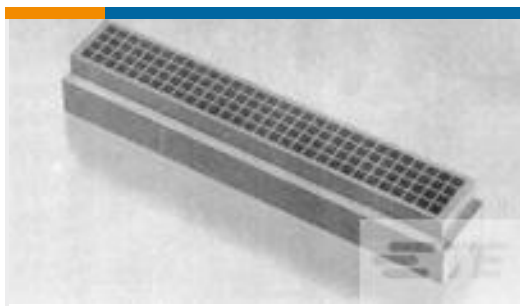
TE Model / Part #1375795-1
ASSY, 64/40 POS PC104



TE Model / Part #1375800-4
ASSY, 120 POS PC104 PLUS LF



TE Model / Part #1445251-1
ORGANIZER PC/104



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



TE Model / Part #2110819-1
QSFP+ Enh EVERCLEAR PT Conn

Documents

Product Drawings

[ASSY, 120 POS PC104 PLUS](#)

English

CAD Files

[3D PDF](#)

English

[Customer View Model](#)

[ENG_CVM_1375799-1_H.3d_stp.zip](#)

English

[Customer View Model](#)

[ENG_CVM_1375799-1_H.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_1375799-1_H.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION1AND2](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

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[UL Report](#)

English