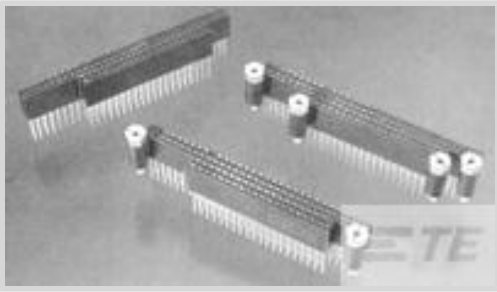




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



Connector System: **Board-to-Board**

Number of Positions: **104**

Centerline (Pitch): **2.54 mm [.1 in]**

Number of Loaded Positions: **102**

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

Keying & Polarized Position Locations	B-10, C-19
Stacking Configuration	Stack Through
Number of Positions	104
Number of Loaded Positions	102

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[.483 in]
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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)	2.54 mm[.1 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	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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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 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 # 1375795-5

PC104 ASY STKTHRU UNKEYED

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

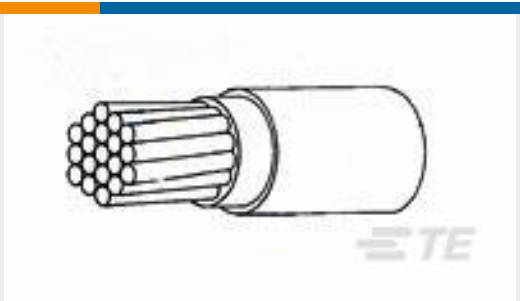




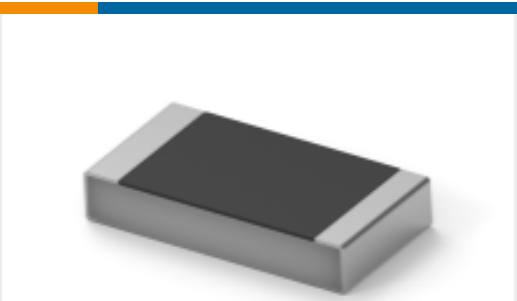
TE Part #1734261-8
1.25 WTB, HDR, SMT, RA, 8P



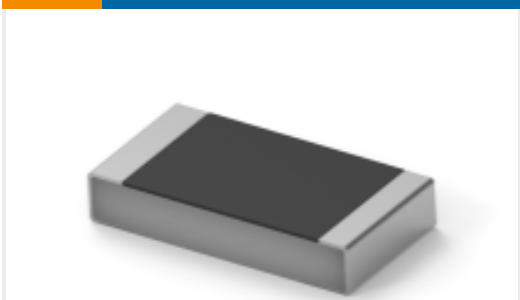
TE Part #1879215-9
CPF 0402 4K87 0.1% 25PPM 1K RL



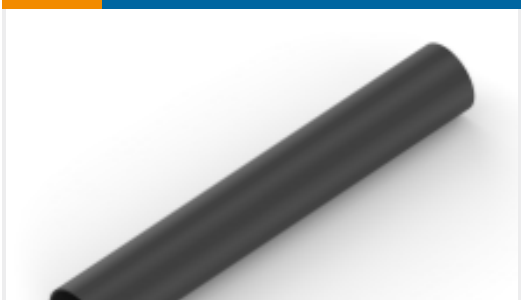
TE Part #282049-023
44A0111-24-9



TE Part #3-2176458-3
CPF 1206 2R15 0.1% 25ppm 1K RL



TE Part #4-2176458-2
CPF 1206 2R67 0.1% 25ppm 1K RL



TE Part #NB25822001
SCL-1/8-0-STK

Documents

Product Drawings
ASSY, 64/40 POS PC104

English

CAD Files
3D PDF

English

Customer View Model
ENG_CVM_1375795-1_H.2d_dxf.zip

English

Customer View Model
ENG_CVM_1375795-1_H.3d_igs.zip

English

Customer View Model
ENG_CVM_1375795-1_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
MD_1375795-1_11132017425_dmtec



English

[MD_1375795-1_11132017425_dmttec](#)

English

[Agency Approvals](#)

[UL Report](#)

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[UL Report](#)

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