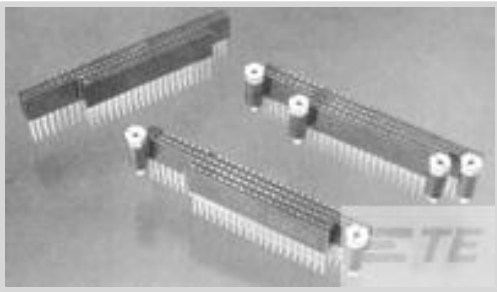




Connectors > PCB Connectors > Board-to-Board Connectors > PC/104 Connectors



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

Number of Positions: **104**

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

Number of Loaded Positions: **102**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	B-10, C-19
Number of Standoffs	2
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

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
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Solder Process Feature	Board Standoff
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	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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	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 # 1375793-3
ASSY, 64/40 POS PC104 LF

Also in the Series | AMPMODU PC/104

Card Edge Power Connectors(5)

PC/104 Connectors(25)

Rack & Panel Connectors(1)

Rectangular Connector Housings(2)

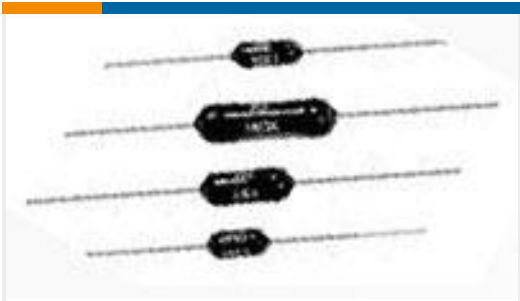
Customers Also Bought

TE Part #103309-1
010 LOPRO HDR SP 30DP

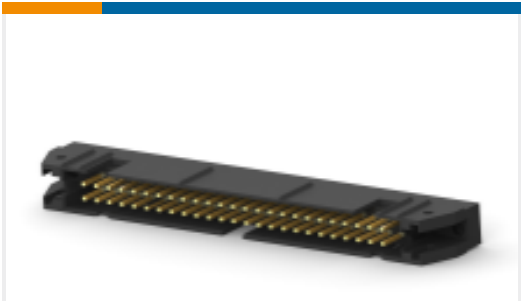
TE Part #102387-9
40 MODIV HSG COMP DR .100 POL

TE Part #102387-8
34 MODIV HSG COMP DR .100 POL

TE Part #1-1761607-5
IDC LOW PRO HDR 50P RA LG LAT BLK



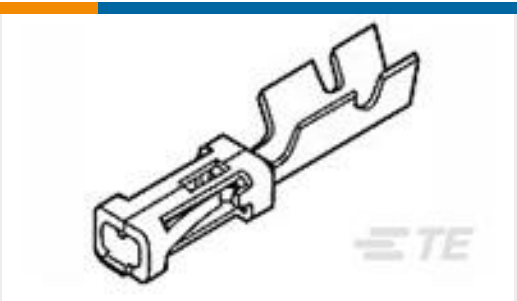
TE Part #1-1879666-6
H8 191K 0.1% 15PPM



TE Part #1-102160-2
AMP-LATCH UNIVERSAL HEADERS



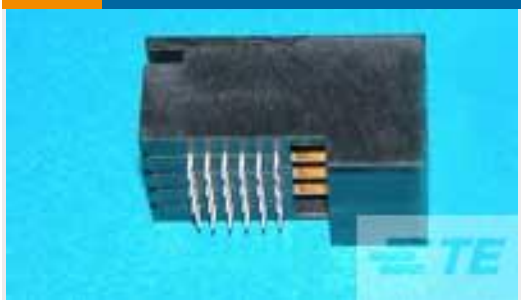
TE Part #YDTS26F25-61PCC001
D38999: Straight Plug, 25-61 Insert



TE Part #102548-6
MOD IV RECP LP



TE Part #04160001-050
CABLE ASSY APS ANGLESTAR 50FT



TE Part #1-1410271-6
MULTIGIG RT PWR .8" R/A HDR 4P
PBFR

Documents

Product Drawings

ASSY, 64/40 POS PC104

English

CAD Files

Customer View Model

ENG_CVM_1375793-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_1375793-1_F.3d_stp.zip

English

Customer View Model

ENG_CVM_1375793-1_F.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