

7-1734774-3 ✓ ACTIVE

TE Internal #: 7-1734774-3

Cable-to-Board, 164 Position, 1 mm [.039 in] Centerline, Vertical, Black, Height 10 mm [.394 in], Width 8.8 mm [.346 in], PCI & PCI Express Connectors

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Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



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

Number of Positions: **164**

PCI Generation: **2**

Centerline (Pitch): **1 mm [.039 in]**

Termination Post & Tail Length: **3.1 mm [.122 in]**

## Features

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Electrical Characteristics

Operating Voltage	50 VAC
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### Packaging Features

Packaging Method	Tray, Box & Tray
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Packaging Quantity	30
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### Dimensions

PCB Thickness (Recommended)	2.39 mm [.094 in]
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PCB Thickness (Accepted)	1.57 mm [.062 in]
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Connector Length	89 mm [3.504 in]
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Connector Height	10 mm [.394 in]
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Connector Width	8.8 mm [.346 in]
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### Body Features

Product Weight	8.8 g [.31 oz]
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Primary Product Color	Black
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#### Contact Features

Contact Current Rating (Max)	1.1 A
PCB Contact Termination Area Plating Material Thickness	2.54 $\mu$ m
Contact Mating Area Plating Material	Gold
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
	30 $\mu$ m

#### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.1 mm [.122 in]

#### Housing Features

Housing Material	PA 46
Centerline (Pitch)	1 mm [.039 in]

#### Industry Standards

Bus Type	PCI Express
PCI Generation	2

#### Configuration Features

Number of PCB Mount Retention Features	2
Number of Positions	164
PCB Mount Orientation	Vertical
Ejector	Without

#### Product Type Features

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

#### Usage Conditions

Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
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#### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

### 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 # 1734774-1  
PCI EXP 3.1L 36 POS WHT G/F



TE Part # 5-2337939-4  
PCIE GEN4 CON,SMT,164POS,30u",  
MYLAR,HT

## Customers Also Bought

TE Part #CAT-HST-SCT  
SCT Heat Shrink TubingTE Part #5088450-8  
PULL LOOP, CUT LENGTH 1.58 INTE Part #5-103168-8  
20 MODII HDR DRST SHRD .100CLTE Part #6-534206-0  
20 MODII VRT DR CE 100/115TE Part #ANT-5GW-IPW1-NP  
Antenna Whip 5G WB Cell IP67 N PlugTE Part #CONSMA007-G  
SMA Plug 50 Ohm Cable CrimpTE Part #2176339-5  
CRGCQ 0603 22R 1%TE Part #8-2176306-7  
RP 1E 0.1W 9K09 0.1% 25PPM 5K RLTE Part #1375799-3  
ASSY, 120 POS PC104 PLUS

## Documents

### CAD Files

[3D PDF](#)
[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1734774-3\\_F.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1734774-3\\_F.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_7-1734774-3\\_F.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

[AMP EI Series, Connector](#)

Japanese

### Product Specification

Japanese

## Product Specification

English