

PCI EXP 3.1L 164 POS BLK 30u"

✓ ACTIVE

TE Part # 7-1734774-3

TE Internal #: 7-1734774-3

[View on TE.com >](#)



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



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

Number of Positions: **164**

PCI Generation: **II**

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

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

Features

Product Type Features

Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Type of Connector	Card Edge

Configuration Features

Number of Pylons	2
Number of Positions	164
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Current Rating	1.1 A
Operating Voltage	50 VAC
Voltage	50 VAC

Body Features

Pylon Material	Plastic
Weight	8.8 g[.31 oz]



Contact Features

Contact Mating Area Plating Material	Gold
Solder Tail Contact Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Thickness	30 μin
Contact Current Rating (Max)	1.1 A
Solder Tail Contact Plating Thickness	2.54 μm

Termination Features

Termination Post Length	3.1 mm[.122 in]
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Mechanical Attachment

PCB Mounting Style	Through Hole
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Pick and Place Cover	Without
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Industry Standards

Bus Type	PCI Express
PCI Generation	II

Packaging Features

Packaging Quantity	30
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Packaging Method	Box & Tray, Tray
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Product Compliance

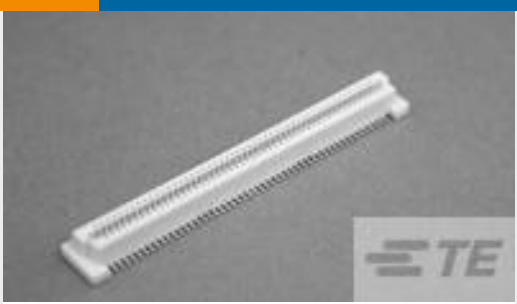
For compliance documentation, visit the product page on TE.com>

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: JAN 2019 (197) Candidate List Declared Against: JUN 2018 (191)
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 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.

Customers Also Bought



TE Part #5177985-6
0.8FH,R05H.5,140,08/Sn, TR,SC



TE Part #6-1734774-9
PCI EXP 3.1L 64 POS BLK 30u"



TE Part #2118717-2
STD SHIELD COVER, CRS-26.71X26.71X2.00MM



TE Part #2118718-2
STD SHIELD FRAME, CRS-26.21X26.21X5.08MM

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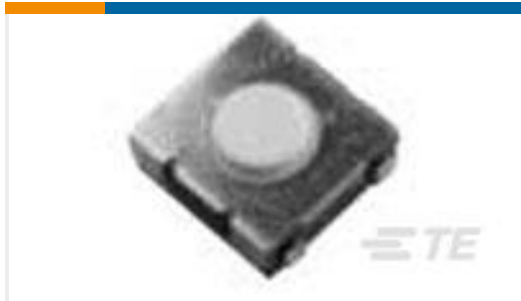
TE Part #1775333-6
ZIF FPC 0.5, 2H, 6P



TE Part #5-1971798-1
NEW GI CONN2.5 HDR
ASMBLY 5P NC D1.0



TE Part #3-1879214-2
CPF 0402 681R 0.1%
25PPM 1K RL



TE Part #1571626-2
TACT,SMT,GULL WING,
50GF,T&R



TE Part #7-1734774-1
PCI EXP 3.1L 98 POS BLK
30u"

Documents

Product Drawings

PCI EXP 3.1L 164 POS BLK 30u"

English

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

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English