7-1734774-4 ✔ ACTIVE

TE Internal #: 7-1734774-4

Cable-to-Board, 36 Position, 1 mm [.039 in] Centerline, Vertical, White, 10 mm [.394 in] Height, 8.8 mm [.346 in] Width, PCI & PCI Express Connectors

View on TE.com >

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



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

Number of Positions: **36**

PCI Generation: **2**

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

Termination Post & Tail Length: **2.3 mm [.091 in]**

Features

Product Type Features

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

Configuration Features

Number of PCB Mount Retention Features	2
Number of Positions	36
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

	.09 oz
Primary Product Color	White

Contact Features

Contact Current Rating (Max)	1.1 A
PCB Contact Termination Area Plating Material Thickness	2.54 µm
Contact Mating Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.3 mm[.091 in]

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
PCB Thickness (Accepted)	1.57 mm[.062 in]
Connector Length	25 mm[.984 in]
Connector Height	10 mm[.394 in]
Connector Width	8.8 mm[.346 in]

Usage Conditions

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

Industry Standards

Bus Type	PCI Express
PCI Generation	2

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	70

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	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	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 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.

Compatible Parts

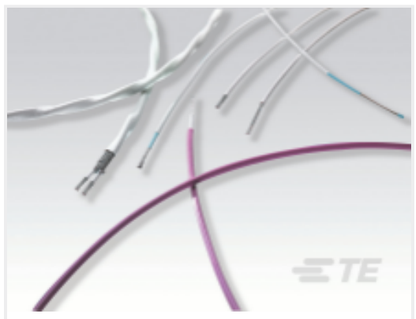


TE Part # 5-2337939-4
PCIE GEN4 CON,SMT,164POS,30u",MYLAR,HT



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

Customers Also Bought



TE Part #218083-000
55A0811-12-6



TE Part #755167-000
TXR61AC00-1406AI



TE Part #NB23804001
VERSAFIT-3/8-6-SP



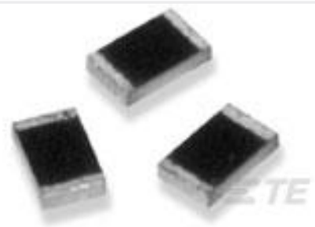
TE Part #T1319320120-000
H32A-TS-M20



TE Part #1614708-6
RN 1206 24K9 0.1% 10PPM 5K RL



TE Part #1-1623726-0
SBCH 6 1R0 5%



TE Part #5-1879275-0
RP 2A 3K74 0.1% 15PPM 1K RL



TE Part #5084614-4
0.8FH,P05H.5,100,30/Sn,TU



TE Part #5533514-6
ASSY,RECPT,R.ANGLE,HDI,LEAD-FR



TE Part #7-532956-0
130 MODII 2PC CE RCPT ASSY, RoHS

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_7-1734774-4_F.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_7-1734774-4_F.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_7-1734774-4_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