

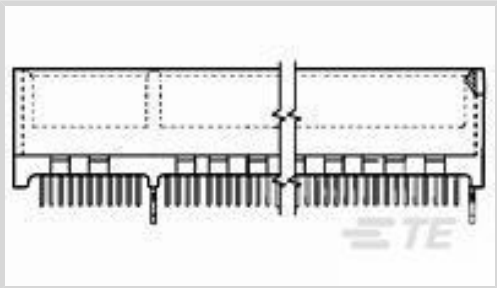
CONNECTOR ASSEMBLY, DUAL POSITIONS, .050

✓ ACTIVE

TE Part # 6489934-1
TE Internal #: 6489934-1
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Connectors > PCB Connectors > Card Edge Connectors > PCI & PCI Express Connectors



Connector System: **Board-to-Board**
Number of Positions: **184**
PCI Generation: **II**
Centerline (Pitch): **1.27 mm [.05 in]**
Contact Mating Area Plating Thickness: **30 µin**

Features

Product Type Features

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

Configuration Features

Number of Hold-Downs	2
Number of Positions	184
PCB Mount Orientation	Vertical
Ejector	Without

Electrical Characteristics

Operating Voltage	203 VAC
Voltage	201 VAC

Body Features

Bus Width	64 Bit
Hold-Down Material	Brass
Weight	21.302 g

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Thickness	30 µin
Contact Current Rating (Max)	.5 A

Mechanical Attachment

PCB Mounting Style	Surface Mount
PCB Mount Retention Type	Hold-Down Post
Connector Mounting Type	Board Mount

Housing Features

Hold-Down Plating Material	Tin over Nickel
Housing Material	High Temperature Thermoplastic
Centerline (Pitch)	1.27 mm[.05 in]
Housing Color	Natural

Dimensions

PCB Thickness (Accepted)	.62 mm[.024 in]
Height	15.49 mm[.61 in]
Width	.35 mm[.014 in]
Length	5.04 mm[.198 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Pick and Place Cover	Without
Circuit Application	Signal

Industry Standards

Bus Type	PCI
PCI Generation	II

Packaging Features

Packaging Quantity	32
Packaging Method	Box

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°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 #1-747563-0 KIT, PLUG, 37P, HDE, SHLD HDWRE	TE Part #104809-8 09 MTE HDR SRST LATCH W/HLDWN	TE Part #146134-7 16 MODII HDR DRST SFMNT B/A	TE Part #5-104317-6 20 MODII HDR DRST SHRD .100CL
TE Part #5-146492-8 16 MODII HDR DRST UNSHRD STKG	TE Part #5-1542007-9 29MM HS ASSY ULTEM CLIP	TE Part #5120758-1 Z-PACK HEADER ASSY 60P	TE Part #87160-5 03 MODI HDR SRST .156CL



Documents

Product Drawings

CONNECTOR ASSEMBLY, DUAL POSITIONS, .050

English

CAD Files

Customer View Model

ENG_CVM_6489934-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_6489934-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_6489934-1_A.3d_stp.zip

English

3D PDF

English

Product Specifications

Application Specification

English