



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
Packaging Quantity	30

Dimensions

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

Body Features

Product Weight	8.8 g[.31 oz]
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Primary Product Color	Black
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
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
	30 µin
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]
Other	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant



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: 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

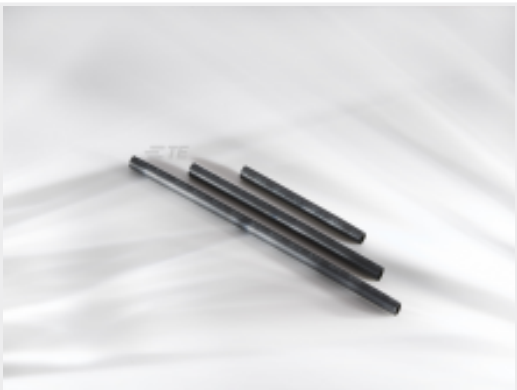


TE Part # 1734774-1  
PCI EXP 3.1L 36 POS WHT G/F



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

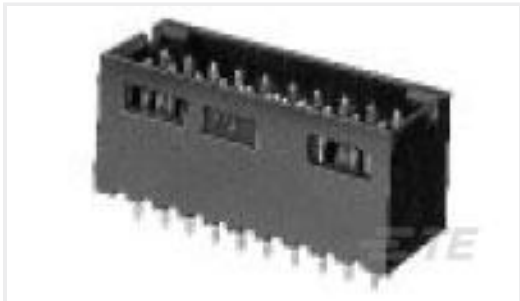
Customers Also Bought



TE Part #CAT-HST-SCT  
SCT Heat Shrink Tubing



TE Part #5088450-8  
PULL LOOP, CUT LENGTH 1.58 IN



TE Part #5-103168-8  
20 MODII HDR DRST SHRD .100CL



TE Part #6-534206-0  
20 MODII VRT DR CE 100/115



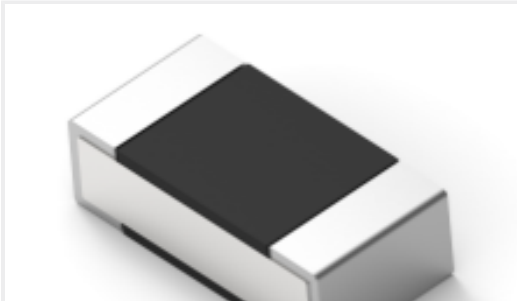
TE Part #ANT-5GW-IPW1-NP  
Antenna Whip 5G WB Cell IP67 N Plug



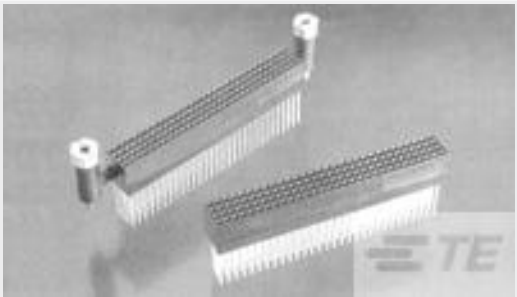
TE Part #CONSMA007-G  
SMA Plug 50 Ohm Cable Crimp



TE Part #2176339-5  
CRGCQ 0603 22R 1%



TE Part #8-2176306-7  
RP 1E 0.1W 9K09 0.1% 25PPM 5K RL



TE 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

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



Product Specification

English