

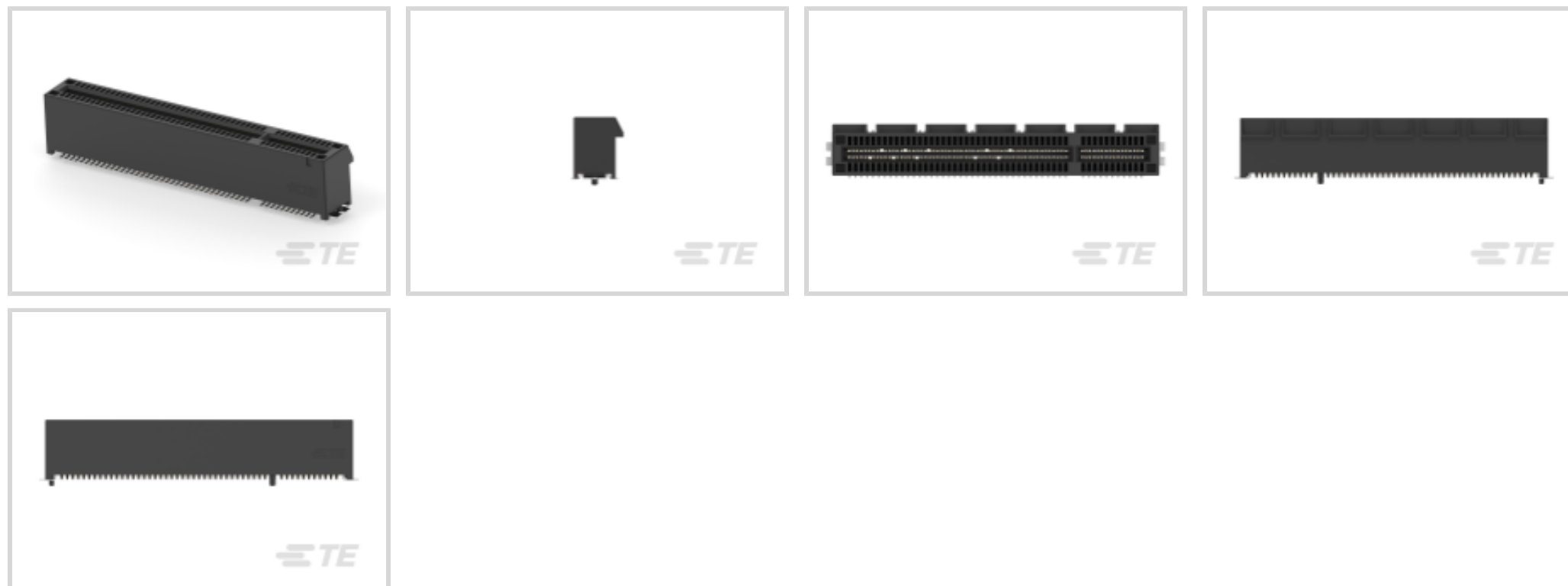
TE Internal #: 6-2337939-3

Board-to-Board, 98 Position, 1 mm [.039 in] Centerline, Vertical, Black, Height 11.25 mm [.442 in], PCI & PCI Express Connectors

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



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

Number of Positions: **98**

PCI Generation: **4**

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

Contact Mating Area Plating Material Thickness: **[15 µin]**

Features

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
PCB Mount Retention Type	SMT Hold-Down

Packaging Features

Packaging Method	Box & Tray
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Dimensions

PCB Thickness (Accepted)	1.57 mm
Connector Length	56 mm[2.204 in]
Connector Height	11.25 mm[.442 in]
Connector Width	8.75 mm[.345 in]

Contact Features

Contact Current Rating (Max)	1.1 A
PCB Contact Termination Area Plating Material Thickness	2.54 µm[100 µin]
Contact Underplating Material	Nickel



Contact Mating Area Plating Material	Gold
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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PCB Contact Termination Area Plating Material Finish	Matte
	15 µin

Housing Features

Housing Material	LCP With 30% G.F
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Centerline (Pitch)	1 mm [.039 in]
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Industry Standards

Bus Type	PCI Express
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PCI Generation	4
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Configuration Features

Number of PCB Mount Retention Features	2
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Number of Positions	98
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PCB Mount Orientation	Vertical
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Ejector	Without
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Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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Connector System	Board-to-Board
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Sealable	No
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Body Features

Primary Product Color	Black
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Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

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



Customers Also Bought



TE Part #1888247-1
20 POS SMT CONN, SFP/SFP+, 30A



TE Part #2057629-1
CFP Module Conn Assy

Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_6-2337939-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2337939-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_6-2337939-3_A.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL Report](#)

English