

1759547-1 ✓ ACTIVE



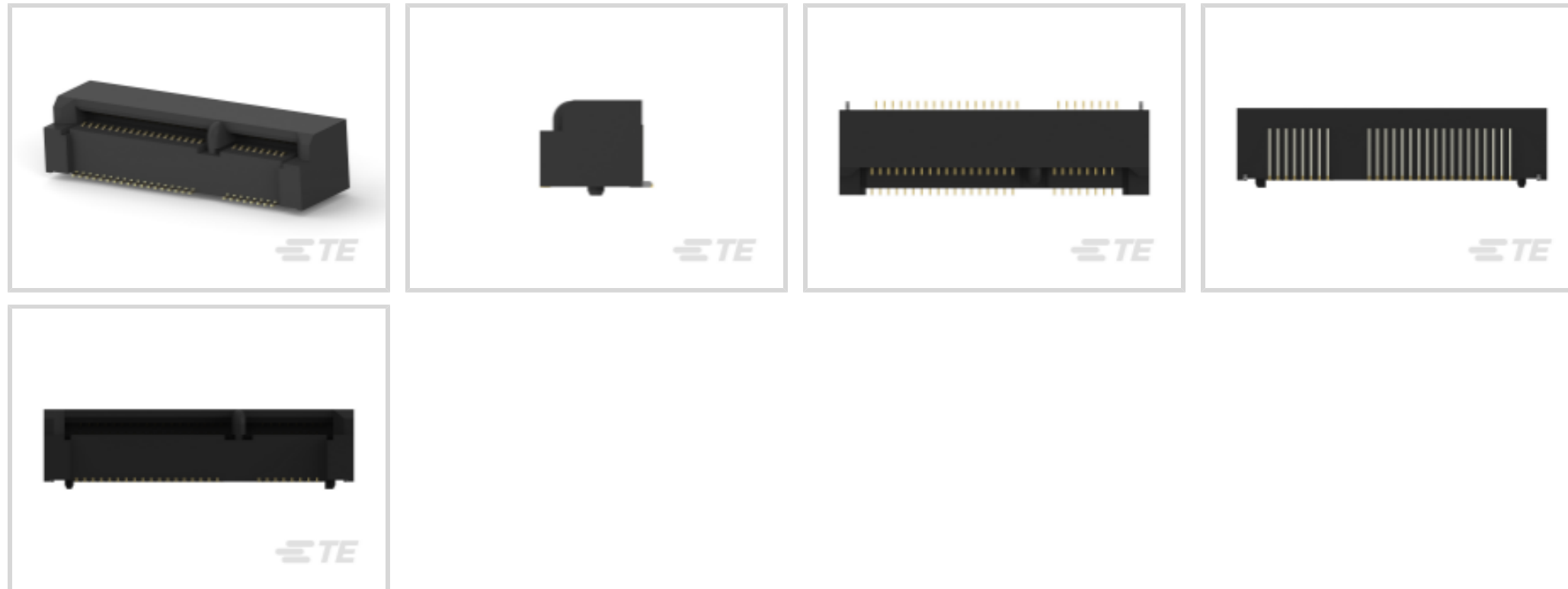
## Mini PCI Express

TE Internal #: 1759547-1

Mini PCI Express & mSATA, Board-to-Board, 52 Position, .031 in [.8 mm] Centerline, Stack Height 7 mm [.276 in], Gold Flash, Matte, Mini PCI Express

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



Bus Type: Mini PCI Express

Connector System: Board-to-Board

Number of Positions: 52

Centerline (Pitch): .8 mm [.031 in]

Stack Height: 7 mm [.276 in]

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	52
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### Contact Features

Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold Flash
PCB Contact Termination Area Plating Material Finish	Matte
Contact Current Rating (Max)	.5 A

### Housing Features

Centerline (Pitch)	.8 mm [.031 in]
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### Dimensions



Stack Height	7 mm [.276 in]
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### Usage Conditions

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

Circuit Application	Signal
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### Industry Standards

Bus Type	Mini PCI Express
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### Packaging Features

Packaging Method	Tape & Reel
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°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 # 1717832-1  
MINI PCI EXPRESS SEMI HARD TRAY  
LATCH

## Also in the Series | Mini PCI Express



Mini PCI Express & mSATA(6)



RJ25 Connectors(1)

## Customers Also Bought



TE Part #1-1676966-9  
SMD Power Resistor: 7 Watt, 200-2M  
Ohm



TE Part #1-2176415-8  
8W STD M/OX 5% 150R



TE Part #2-1734839-0  
FPC CONN. 0.5MM PITCH T/C,20P



TE Part #1-826629-3  
13P AMPMODU II STIFT LEI



TE Part #5-1879207-0  
RN 0603 499K 0.1% 10PPM 1K RL

## Documents

[Product Drawings](#)  
[mSATA/mini PCI-E 7H G/F](#)

English

[CAD Files](#)

[3D PDF](#)

[3D](#)



### Customer View Model

[ENG\\_CVM\\_CVM\\_1759547-1\\_J.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1759547-1\\_J.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1759547-1\\_J.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[8-1773459-7\\_EXPRESS\\_MINI\\_CARD\\_AND\\_DISPLAY\\_MINI\\_CARD\\_SOCKETS\\_QRG](#)

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English