

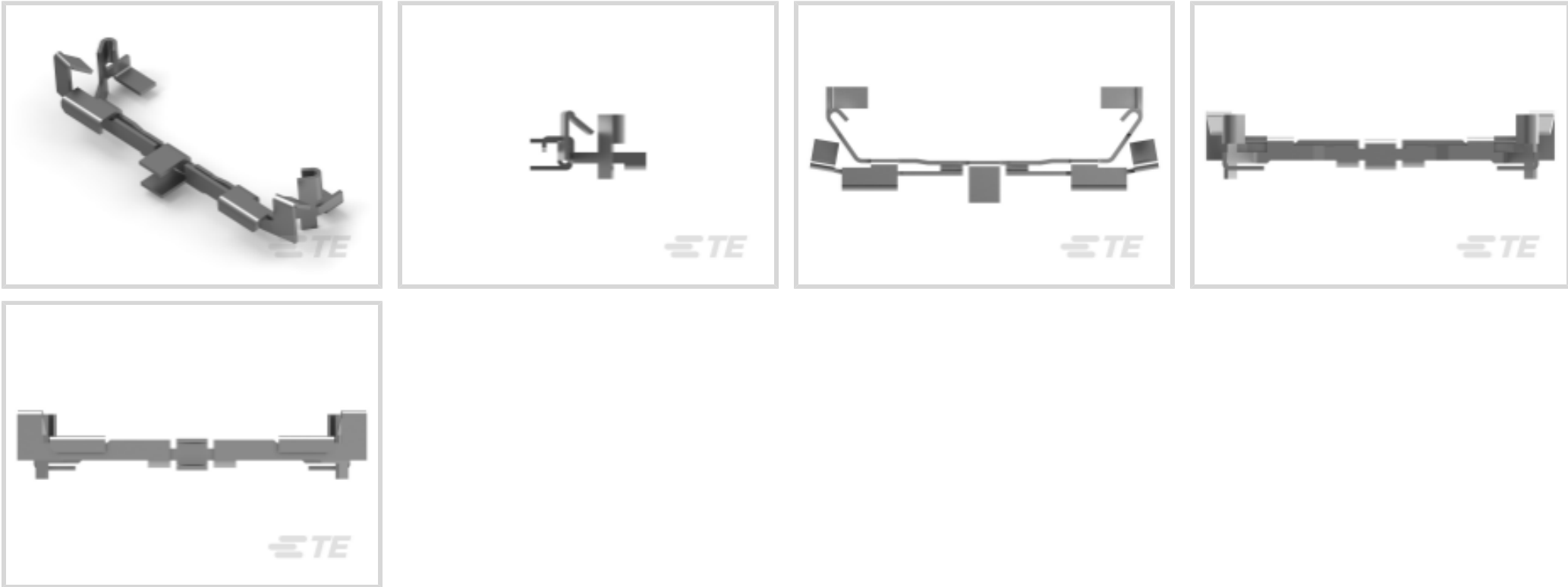


Mini PCI Express

TE Internal #: 1717832-2
52 Position, .8 mm [.031 in] Centerline, Stack Height 4 mm [.157 in],
Tin, -55 – 85 °C [-67 – 185 °F], Mini PCI Express, Mini PCI Express &
mSATA

[View on TE.com >](#)

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



Bus Type: **Mini PCI Express**
Number of Positions: **52**
Centerline (Pitch): **.8 mm [.031 in]**
Stack Height: **4 mm [.157 in]**
Contact Mating Area Plating Material: **Tin**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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Configuration Features

Number of Keys	1
Number of Rows	2
Number of Positions	52

Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin

Termination Features

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Insertion Style	Direct Insert
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment Type	Polarization
PCB Mount Retention	Without

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	.8 mm[.031 in]

Dimensions

	.157 in
Row-to-Row Spacing	.8 mm[.031 in]
Stack Height	4 mm[.157 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Industry Standards

UL Flammability Rating	UL 94V-0
Bus Type	Mini PCI Express

Packaging Features

Packaging Quantity	500
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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 applicable 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

TE Part # 2041119-1
mSATA/mini PCI-E 4H Type I G/F

TE Part # 2041119-2
mSATA/mini PCI-E 4H Type I 10u"

Also in the Series | Mini PCI Express

Mini PCI Express & mSATA(6)

RJ25 Connectors(1)

Customers Also Bought

TE Part #280509-1
BARRE MODU 2 2X 9

TE Part #1-1734248-5
1.0 FPC, ZIF V/T, SMT, 15P

TE Part #1986712-2
SCREWLESS, SW,2P,5.08 PCB

TE Part #1986712-4
SCREWLESS, SW,4P,5.08 PCB



TE Part #1-2176378-1
RQ 0805 12R7 0.1% 10PPM 5K RL

TE Part #1932638-6
Std USB Type A, R/A, SMT, Offset

TE Part #2041119-1
mSATA/mini PCI-E 4H Type I G/F

TE Part #1717831-2
MINI PCI EXPRESS EMBOSS TAPE CONN

TE Part #2041119-2
mSATA/mini PCI-E 4H Type I 10u"

Documents

Product Drawings

MINI PCI EXPRESS EMBOSS TAPE LATCH

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1717832-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1717832-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1717832-2_B.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

MINI PCI EXPRESS CONNECTOR

Japanese

Product Specification

Japanese



MINI PCI EXPRESS H7.0

Japanese

Product Specification

Japanese

Product Specification

English