

TE Internal #: 2201778-1  
 SD Card Connectors, Micro Secure Digital Compatible Card, 8  
 Position, 1.1mm [.04in] Centerline, Surface Mount, Right Angle,  
 Printed Circuit Board

[View on TE.com >](#)



Connectors > PCB Connectors > Memory Card Connectors > SD Card Connectors



Compatible Card: **Micro Secure Digital**

Number of Positions: **8**

Centerline (Pitch): **1.1 mm [ .04 in ]**

PCB Mounting Style: **Surface Mount**

PCB Mount Orientation: **Right Angle**

### Features

#### Product Type Features

Compatible Card	Micro Secure Digital
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Removable Memory Products
Shielded	No

#### Configuration Features

Lead Configuration	Inline
Operating Function	Push-On Push-Off
Number of Positions	8
PCB Mount Orientation	Right Angle
Number of Rows	1

#### Body Features

Hold-Down	Without
Color	Black
Shell Material	Copper Alloy



### Contact Features

Vacuum Tape	Without
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold

### Mechanical Attachment

PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

### Housing Features

Centerline (Pitch)	1.1 mm [.04 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

### Dimensions

Solder Tab Length	.6 mm [.024 in]
Height Above PC Board	1.65 mm [.065 in]

### Usage Conditions

Operating Temperature Range	-30 – 85 °C [-22 – 185 °F]
-----------------------------	----------------------------

### Operation/Application

Circuit Application	Signal
---------------------	--------

### Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

### Packaging Features

Packaging Method	Tape & Reel
------------------	-------------

### 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: JUN 2020  
(209)  
Candidate List Declared Against: JUN 2020  
(209)  
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  
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 Model / Part # 1437508-5  
8058-1G19=TO5 SOCKET 200 CIRC



TE Model / Part # 2822541-1  
PUSH-PUSH MICRO SIM CONNECTOR



TE Model / Part # 2290741-1  
3 IN 2 CONNECTOR ASSY

### Customers Also Bought



TE Model / Part #MS561101BA03-50  
BOARD LEVEL PRESSURE STOCK LIST



TE Model / Part #2199230-3  
M.2 CONNECTORS



TE Model / Part #1888247-1  
SFP Connectors



TE Model / Part #2013499-1  
MICRO USB, TYPE B



## Documents

### Product Drawings

[MICRO SD PUSH PUSH LOW PROFILE TYPE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2201778-1\\_A\\_c-2201778-1-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2201778-1\\_A\\_c-2201778-1-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2201778-1\\_A\\_c-2201778-1-a.3d\\_stp.zip](#)

English

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

### Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

### Product Environmental Compliance

[MD\\_2201778-1\\_05112017524\\_dmtec](#)

English

[MD\\_2201778-1\\_05112017524\\_dmtec](#)

English