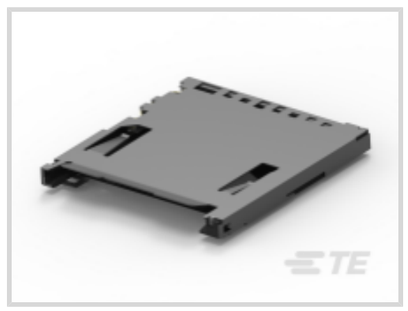
1939870-1 ✔ ACTIVE

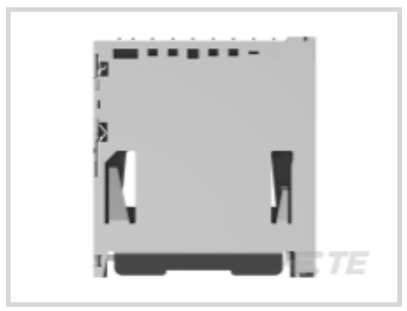
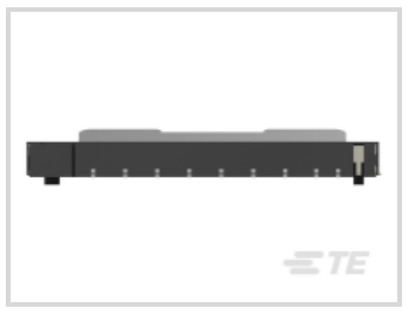
TE Internal #: 1939870-1

Secure Digital, 9 Position, 1.7 mm / 2.4 mm / 2.5 mm [.06 in / .09 in / .1 in] Centerline, Right Angle, -25 – 85 °C [-13 – 185 °F], SD Card Connectors

View on TE.com >

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




Compatible Card: **Secure Digital**

Number of Positions: **9**

Centerline (Pitch): **1.7 mm, 2.4 mm, 2.5 mm [.06 in, .09 in, .1 in]**

PCB Mount Orientation: **Right Angle**

Operating Temperature Range: **-25 – 85 °C [-13 – 185 °F]**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible Card	Secure Digital

Configuration Features

Number of Rows	1
Number of Positions	9
PCB Mount Orientation	Right Angle

Body Features

Primary Product Color	Black

Contact Features

Contact Current Rating (Max)	.5 A
Contact Underplating Material	Nickel
Contact Layout	Inline
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy

PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.2 – .5 µm

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP
Shell Material	Copper Alloy
Centerline (Pitch)	1.7 mm, 2.4 mm, 2.5 mm[.06 in][.09 in][.1 in]

Dimensions

Profile Height from PCB	2.95 mm[.116 in]

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 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: JUNE 2025 (250) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

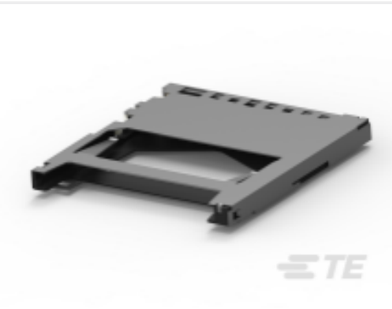
Solder Process Capability

Reflow solder capable to 245°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 # 1939115-1
SD CONN STD EMBOSS W/B REVERSE

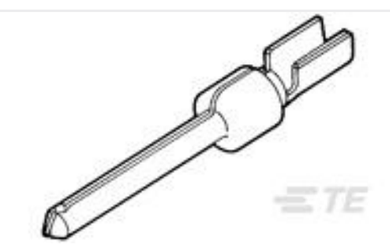


TE Part # 1871916-1
SD RVS 0H EMBOSS ASSY

Customers Also Bought



TE Part #31808
TERMINAL,SOLIS R 8 5/16



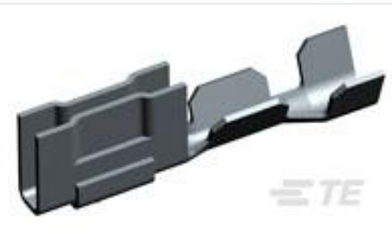
TE Part #205202-2
20DF PIN CONTACT,PLATED



TE Part #1-745492-7
09 HDE MS PLUG,26-30,LEAD FREE



TE Part #770021-1
09P UMNLII IN-LNE PLUG HSG KIT



TE Part #1375819-3
CST-100 II CONTACT 30 GOLD PLT



TE Part #1734577-4
MOD-JK,8P8C,SHD W/LED, G/Y,50U"



TE Part #1969809-1
05P UMNL PIN HDR ASSY, PIN RA V0 GW



TE Part #5650908-5
ASSY,PIN,EUROCARD,TYPE R,LEAD-



TE Part #5650963-5
ASSY,RECEPTACLE,EUROCARD,TYPE



TE Part #4-2176087-8
RP 1J 0.166W 215R 0.1% 25PPM 1K RL

Documents

Product Drawings

SD CARD CONNECTOR EMBOSS ASSY

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_1939870-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1939870-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1939870-1_B.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