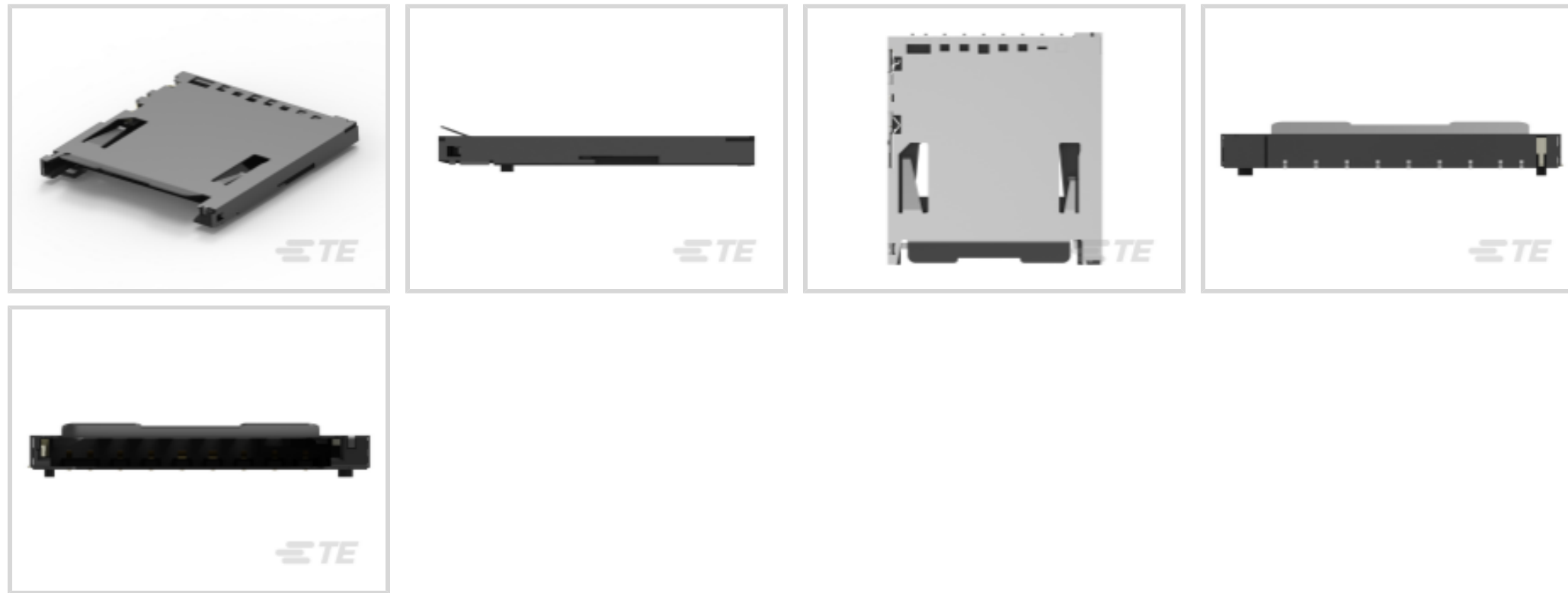




TE Internal #: 1939870-1
 SD Card Connectors, Secure Digital Compatible Card, 9 Position,
 2.4 mm / 2.5 mm / 1.7 mm [.1 in / .09 in / .06 in] Centerline, Surface
 Mount Mount

[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 Mounting Style: **Surface Mount**

PCB Mount Orientation: **Right Angle**

Features

Product Type Features

Compatible Card	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	9
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	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Thickness	.2 – .5 μ m

Mechanical Attachment

Polarizing Post Length	.55 mm[.022 in]
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.7 mm, 2.4 mm, 2.5 mm [.06 in][.09 in][.1 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Solder Tab Length	.8 mm [.032 in]
Profile Height from PCB	2.95 mm [.116 in]

Usage Conditions

Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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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](https://www.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: JUL 2021 (219) 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 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 OH EMBOSS ASSY



TE Part # 1-1775059-1
SD CONN RVS PUSH-PUSH 30u" Au"

Customers Also Bought



TE Part #5750678-1
09 RCPT SP/FMS (RET SL)



TE Part #1-1469491-3
MULTIGIG RT GUIDE PIN, 9MM 4.20



TE Part #7-1437653-0
6PCV-14-1205=6PCV ASSEMBLY



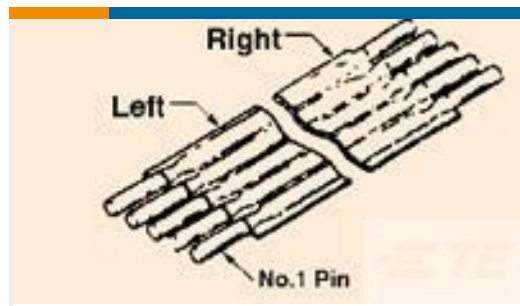
TE Part #8-2176414-4
7W STD M/OX 5% 56K



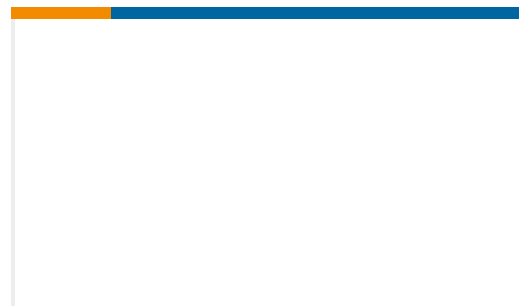
TE Part #2007824-3
IMP100S,H,V4P16C,LG,OEW46,5.5



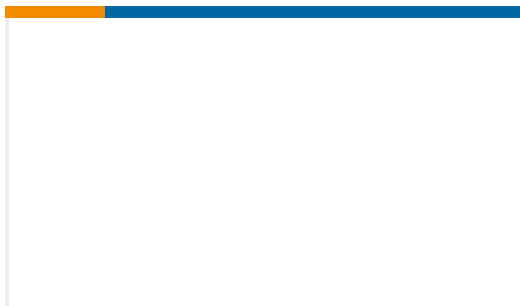
TE Part #2204929-3
MATING BLADE, CROWN CLIP
SOCKET



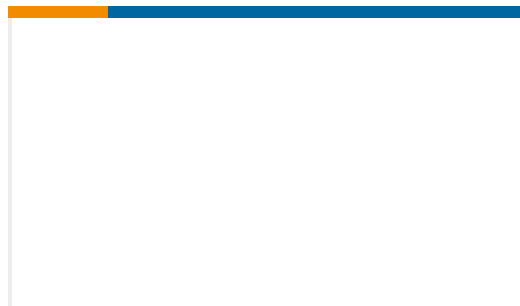
TE Part #7-1437215-4
FSK-31A-11



TE Part #1932164-2
CONNECTOR ASSEMBLY,STRADDLE
MOUNT POWER



TE Part #1932164-1
CONNECTOR ASSEMBLY,STRADDLE
MOUNT POWER



TE Part #2204754-1
NARROW CROWN EDGE, 9P+4S

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

Product Environmental Compliance

[MD_1939870-1_08052013656_dmtec](#)

English

1939870-1

SD Card Connectors, Secure Digital Compatible Card, 9 Position, 2.4 mm / 2.5 mm / 1.7 mm [.1 in / .09 in / .06 in] Centerline, Surface Mount Mount



[MD_1939870-1_08052013656_dmtec](#)

English