



Smart Card

TE Internal #: 5145300-1
Smart Card Connectors, Connector, 8 Position, Accepts Card
Thickness .03 in [.76 mm], 2.54mm [.1in] Centerline, Printed Circuit
Board

[View on TE.com >](#)

Connectors > PCB Connectors > Memory Card Connectors > Smart Card Connectors



Smart Card Connector Product Type: **Connector**
Number of Positions: **8**
Accepts Card Thickness: **.76 mm [.03 in]**
Pre-Installed Wire & Cable: **Without**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Card Type	Smart Card
Card Guide Slots	Without
Card Scoop	Without
Switch Style	Unsealed
Smart Card Connector Product Type	Connector
Connector & Contact Terminates To	Printed Circuit Board
Strain Relief	Without
Profile	Standard

Configuration Features

Card Detection Switch	With
Card Detection Switch Position	No
Cover	Without
Number of Signal Positions	8
Number of Positions	8
Pre-Installed Wire & Cable	Without

Contact Features

Number of Switch Contacts	2
Contact Underplating Material	Nickel



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	.2 A
Contact Mating Area Plating Thickness	30 μin
Contact Mating Area Plating Material	Gold

Termination Features

Termination Type	IDC
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Mechanical Attachment

PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Dimensions

Height Above PC Board	1.55 mm, 3.65 mm[.059 in][.144 in]
Accepts Card Thickness	.76 mm[.03 in]

Usage Conditions

Operating Temperature Range	-40 – 90 °C[-40 – 194 °F]
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Operation/Application

Durability Rating	10000 Cycles
Circuit Application	Signal

Packaging Features

Packaging Method	Carton
Packaging Quantity	448

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: JAN 2021
(211)
Candidate List Declared Against: JUN 2020
(209)
SVHC > Threshold:
Not Yet Reviewed

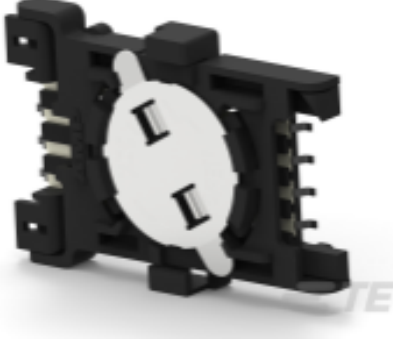
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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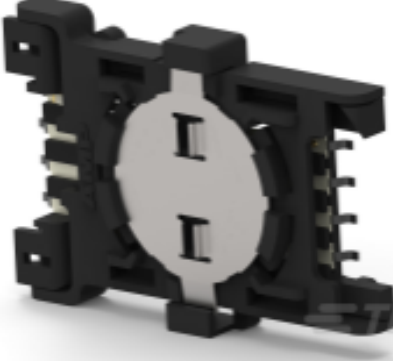
Product Compliance Disclaimer

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

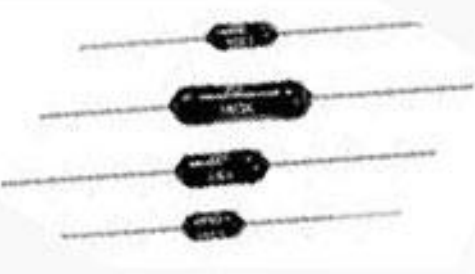


TE Part # 5145299-2
SIM/SAM RECPT,6 POS,SMT

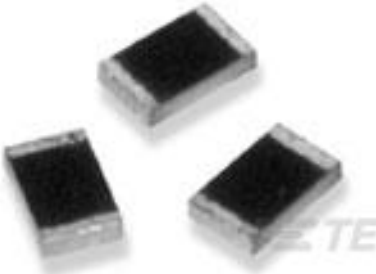


TE Part # 5145299-1
SIM/SAM RECPT,6 POS,SMT

Customers Also Bought



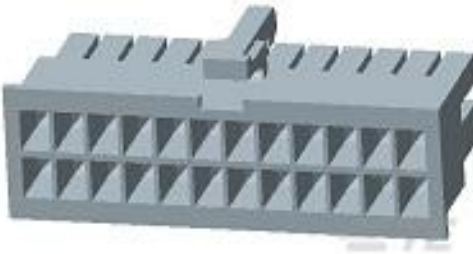
TE Part #2-1879640-0
H4P 2K87 0.5% 50PPM



TE Part #1-1879252-7
RP 2B 5R36 0.1% 15PPM 1K RL



TE Part #1734577-1
MOD-JK,8P8C,SHD W/LED, G/Y,6U"



TE Part #1-1969603-8
18P RCPT VAL-U-LOK GW





TE Part #1-2316102-2
12P, 2MM, REC, HSG, SR, CRIMP, PLAIN, BOX



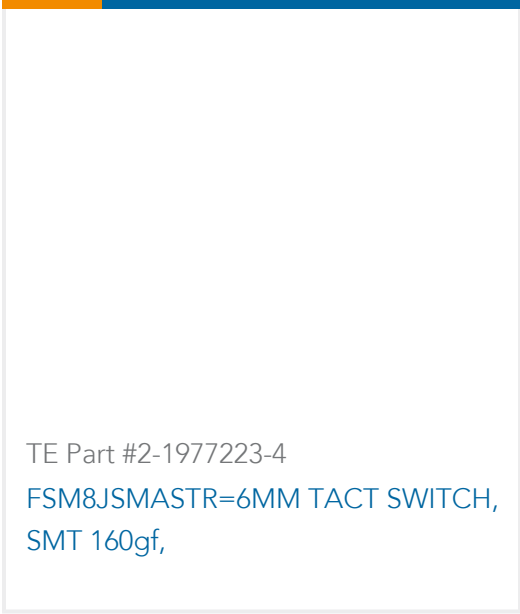
TE Part #1735360-8
1mm FFC SMT H BOTTOM CONTACT ASSY, 8P



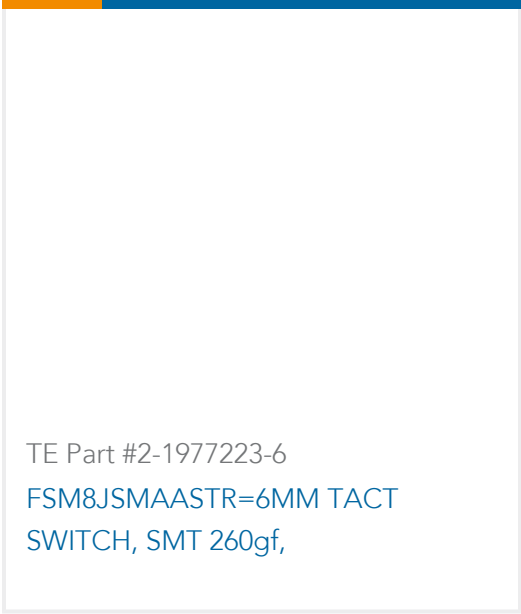
TE Part #2316108-8
8P, 2MM, REC, HSG, DR, CRIMP, PLAIN, BOX



TE Part #ZPF0000000000008615
983-6S 14-15 SN-L



TE Part #2-1977223-4
FSM8JSMASTR=6MM TACT SWITCH, SMT 160gf,



TE Part #2-1977223-6
FSM8JSMASTR=6MM TACT SWITCH, SMT 260gf,

Documents

Product Drawings
SMT CARD RCPT, 8 POS, W/O COVER
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5145300-1_B.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_5145300-1_B.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_5145300-1_B.3d_stp.zip
English

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

Product Specifications
Application Specification
English