5145300-2 ✔ ACTIVE

Smart Card

TE Internal #: 5145300-2

Connector, 8 Position, 2.54 mm [.1 in] Centerline, Board Mount, -40 – 90 °C [-40 – 194 °F], Smart Card Connectors

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



Smart Card Connector Product Type: **Connector**

Number of Positions: **8**

Pre-Installed Wire & Cable: **Without**

Centerline (Pitch): **2.54 mm [.1 in]**

Contact Current Rating (Max): **.2 A**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible Card	Smart Card
Smart Card Connector Product Type	Connector

Configuration Features

Card Detection Switch	With
Operating Function	NO
Cover	With
Number of Signal Positions	8
Number of Positions	8
Pre-Installed Wire & Cable	Without

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Current Rating (Max)	.2 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Accepts Card Thickness	.76 mm[.03 in]
Profile Height from PCB	3.65 mm[.144 in]

Usage Conditions

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

Operation/Application

Durability Rating	50000 Cycles
Circuit Application	Signal

Packaging Features

Packaging Method	Carton
Packaging Quantity	448

Product Compliance

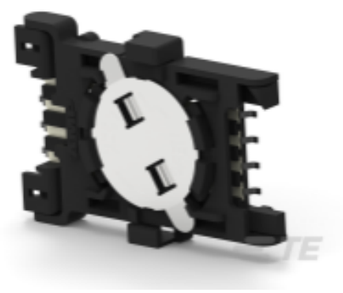
For compliance documentation, visit the product page on TE.com>

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 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 Part # 5145299-2
SIM/SAM RECPT,6 POS,SMT

Customers Also Bought

TE Part #CTS-S20-20
CONT SOC ASSY



TE Part #2-327952-2
TERMINAL,PIDG RECT 16-14 5



TE Part #1393212-3
T92S7A22-208



TE Part #1623773-7
C10 100R 5% (LOOSE)



TE Part #3-1879075-2
THS25 47R 5%



TE Part #6-2176091-9
RP 2A 0.25W 309R 0.1% 25PPM 1K RL



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



TE Part #5145300-3
SMT CARD RCPT,8 POS, W/ COVER

Documents

Product Drawings

SMT CARD RCPT,8 POS, W/ COVER

English

CAD Files

Customer View Model

ENG_CVM_CVM_5145300-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5145300-2_B.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_5145300-2_B.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English