5145300-3 ✓ ACTIVE

Smart Card

TE Internal #: 5145300-3

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

View on TE.com >

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
	5 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	336

Product Compliance

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

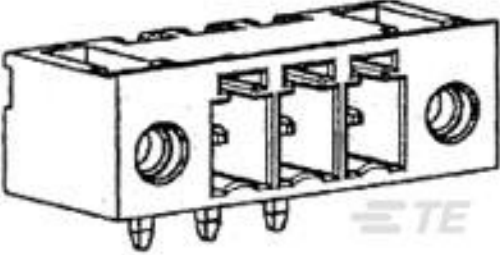|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does 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

Compatible Parts

TE Part # 5145299-2

SIM/SAM RECPT,6 POS,SMT

Customers Also Bought

TE Part #3-2176058-7

RLP73K 3A R33 5% 2K RL

TE Part #796864-3

3 POS TERMI-BLOK HDR RT ANGLE

TE Part #9-2176422-8

TLRP 2512 3.0W R200 1% 75PPM 4K RL

TE Part #1393236-2

V23092-A1005-A301

TE Part #9-1614882-1

CPF 0603 10R 0.1% 25PPM 1K RL

TE Part #1879276-2

RP 2A 5K62 0.1% 15PPM 1K RL

TE Part #1676292-2

RN 0805 2K61 0.1% 10PPM 1KRL

TE Part #927871-2

JUNIOR-TIMER KONT

TE Part #5-1879221-1

CPF 0603 4R99 0.1% 25PPM 1K RL

TE Part #2362764-3

MATENET,CABLE ASSY,1 GBPS UTP

Documents

Product Drawings

SMT CARD RCPT,8 POS, W/ COVER

English

CAD Files

Customer View Model

ENG_CVM_CVM_5145300-3_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5145300-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5145300-3_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