



Smart Card

TE Internal #: 5953497-1
Smart Card Connectors, Connector, 8 Position, Accepts Card
Thickness .03 in [.76 mm], Pre-Installed Wire & Cable, Ribbon Cable
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Smart Card Connector Product Type: **Connector**
Number of Positions: **8**
Accepts Card Thickness: **.76 mm [.03 in]**
Pre-Installed Wire & Cable: **With**
Pre-Installed Wire & Cable Type: **Ribbon Cable**

Features

Product Type Features

Card Type	Smart Card
Card Guide Slots	Without
Card Scoop	Without
Switch Style	Unsealed
Smart Card Connector Product Type	Connector
Pre-Installed Wire & Cable Type	Ribbon Cable
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Detection Switch	With
Card Detection Switch Position	NC
Number of Signal Positions	8
Number of Positions	8
Pre-Installed Wire & Cable	With

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

Connector Mounting Type	Panel Mount
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Housing Features

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

Dimensions

Accepts Card Thickness	.76 mm[.03 in]
Cable Length	60 mm[2.36 in]

Operation/Application

Durability Rating	30000 Cycles
Circuit Application	Signal

Other

Comment	Cable to be mated to PCB mounted 10-Position Micro-Match Connector, Part Number 1-215079-0 or 1-188275-0.
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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	Not Yet Reviewed
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) Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

TE Part # 5953131-3
SMART CARD READER W RIBBON
CABLE 8 POS.

Customers Also Bought

TE Part #1-2176340-9
CRGCQ 0603 1K0 5%

TE Part #1-2329387-0
PB OFF/ON FC RED M1 TERM BLU
LED IP68

TE Part #9-1440002-6
SDT-S-105DMR2,000

TE Part #1415542-7
RM225012

TE Part #1-1393556-9
C42334A 304A 13=RP300 MESSERLE

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_5953497-1_A.2d_dxf.zip
- English



3D PDF

3D

Customer View Model

ENG_CVM_CVM_5953497-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5953497-1_A.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

SMARTCARD CONNECTOR WITH RIBBON CABLE

English

Product Specification

English

Mouser Electronics

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[TE Connectivity:](#)

[5953497-1](#)