2452796-1 ✔ ACTIVE

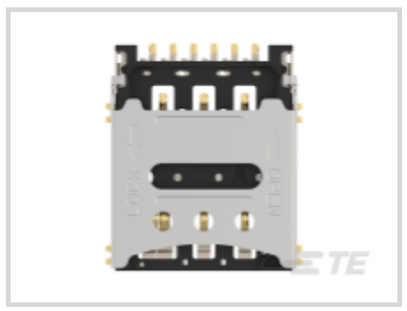
TE Internal #: 2452796-1

4FF SIM, Hinge Type, 7 Position, 7 Loaded Positions, Signal, -40 – 85 °C [-40 – 185 °F], SIM Card Connectors

View on TE.com >

Connectors > PCB Connectors > Memory Card Connectors > SIM Card Connectors





Compatible Card: **4FF SIM**

SIM Card Product Type: **Hinge Type**

Number of Positions: **7**

Number of Loaded Positions: **7**

Contact Current Rating (Max): **1 A**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Compatible Card	4FF SIM
SIM Card Product Type	Hinge Type

Configuration Features

Card Detection Switch	With
Card Insertion Style	Normal Insertion
Number of Positions	7
Number of Loaded Positions	7

Electrical Characteristics

Current Rating (Max)	.3 A

Body Features

Ejector Type	Locking

Contact Features

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Shell Material	Stainless Steel

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Durability Rating	2500 Cycles
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Reel

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	Out of Scope
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: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 2499165-1
Micro SIM Hinge Type Connector

TE Part # 2452808-1
Nano SIM card Conn Push pull type

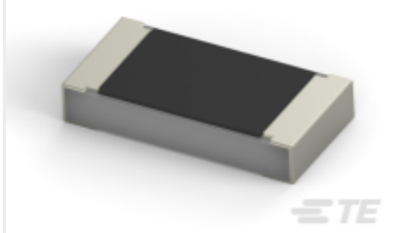
TE Part # 2336582-1
PUSH-PUSH NANO SIM CONNECTOR

Customers Also Bought

TE Part #1676143-2
RN 0805 100R 0.1% 10PPM 1KRL

TE Part #1676251-2
RN 0805 210R 0.1% 10PPM 1KRL

TE Part #5-1625890-5
2W SM M/OX 5% 4R7



TE Part #4-1614958-0
CPF 0805 2R49 0.1% 25ppm 1K RL

TE Part #776266-1
14POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1

TE Part #2452808-1
Nano SIM card Conn Push pull type

TE Part #5677922006
RNF-3000-6/2-X-STK

TE Part #7-1614891-7
CPF 0805 453R 0.1% 25PPM 1K RL

TE Part #770520-5
AMPSEAL,TERMINAL,TIN PLATE,20-22AWG WIRE

TE Part #8-1879215-2
CPF 0402 32K4 0.1% 25PPM 1K RL

Documents

Product Drawings

Nano SIM card conn HINGE type

English

CAD Files

Customer View Model

ENG_CVM_CVM_2452796-1_A.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2452796-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2452796-1_A.3d_igs.zip

English

3D PDF

3D

Product Specifications

Product Specification

English