



SIM Connectors

TE Internal #: 2174803-2

SIM Card Connectors, 3FF SIM Compatible Card, 6 Position, 6 Loaded Positions, Signal, -22 - 185 °F [-30 - 85 °C], SIM Connectors

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



Compatible Card: **3FF SIM**

Number of Positions: **6**

Number of Loaded Positions: **6**

Contact Current Rating (Max): **.5 A**

Circuit Application: **Signal**

Features

Product Type Features

Card Stop	With
Connector & Contact Terminates To	Printed Circuit Board
Compatible Card	3FF SIM

Configuration Features

Card Insertion Style	Normal Insertion
Card Detection Switch	With
Number of Positions	6
Number of Loaded Positions	6

Electrical Characteristics

Voltage Rating	10 VAC
Current Rating (Max)	.5 A

Body Features

Ejector Type	Push-Push
Primary Product Color	Black



Contact Features

Contact Mating Retention	Without
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Profile Height from PCB	1.3 mm [.051 in]
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Usage Conditions

Operating Temperature Range	-30 - 85 °C [-22 - 185 °F]
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Operation/Application

Durability Rating	1500 Cycles
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Tape & Reel
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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	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 2024 (240)



Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content	Low Bromine/Chlorine - Br and Cl < 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 # 2199337-5
ASS'Y FOR MICRO SIM H1.18 8POS (EMBOSS)

TE Part # 2229333-2
PUSH-PUSH MICRO SIM CONNECTOR SMT-2 TYPE

Also in the Series | SIM Connectors

SC Connectors(2)

SIM Card Connectors(9)

Customers Also Bought



TE Part # 1734592-6
FPC CONN. 0.5MM PITCH B/C, 6P



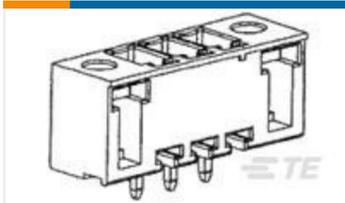
TE Part # 281709-4
PLUG HE13 IDC 90 4 P AWG 24



TE Part # 5-1879011-3
SMF2 33K 5%



TE Part # 5787745-2
USB A R/A STAK ASSY THRU HOLE



TE Part # 796864-2
2 POS TERMI-BLOK HDR RT ANGLE



TE Part # 148057-5
096 EURO TYP C RECP 13MM ASSY



TE Part # 2-2176093-4
RP 2A 0.25W 16K5 0.1% 25PPM 1K RL



TE Part # 3-1614959-2
CPF0805 1M62 0.1% 25PPM 1K RL

Documents

Product Drawings

PUSH-PUSH MICRO SIM CONNECTOR

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2174803-2_P1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174803-2_P1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174803-2_P1.3d_stp.zip](#)

English

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Product Specifications

Product Specification

English

Product Specification

English