



SIM Connectors

TE Internal #: 2174918-1

SIM Card Connectors, 2FF mini SIM Compatible Card, 6 Position, .1 in [2.54 mm] Centerline, 6 Loaded Positions, Surface Mount Mount, SIM Connectors

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Compatible Card: **2FF mini SIM**
 Number of Positions: **6**
 Centerline (Pitch): **2.54 mm [.1 in]**
 Number of Loaded Positions: **6**
 PCB Mounting Style: **Surface Mount**

Features

Product Type Features

Card Stop	With
Card Guide Slots	With
Compatible Card	2FF mini SIM
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

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

Body Features

Ejector Type	Push-Push
Shell Material	Stainless Steel

Contact Features



Contact Base Material	Copper Alloy
Contact Current Rating (Max)	.5 A

Mechanical Attachment

Connector Stabilization Ribs	Without
PCB Mounting Style	Surface Mount
Connector Mounting Type	Board Mount
Contact Retention	No

Housing Features

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

Dimensions

Profile Height from PCB	1.4 mm[.055 in]
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Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	1200
Packaging Method	Tape & 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	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 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold:



Not Yet Reviewed

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

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 # 1981959-1
PUSH PUSH SIM H1.87 SWITCH
EMBOSS ASSY




TE Part # 1-1705300-5
SIM CONNECTOR 5 DIRECTIONAL




TE Part # 2-1705300-8
SIM CONNECTOR 5 DIRECTIONAL

Also in the Series | SIM Connectors



LC Connectors(1)



SIM Card Connectors(10)

Customers Also Bought



TE Part #DT06-4S-CE05
DEUTSCH DT Series Housings &
Connectors



TE Part #DRC26-50S05
DEUTSCH DRC HOUSINGS



TE Part #NB09952001
ATUM-19/6-0-STK



TE Part #NB07552001
HTAT-16/4-0-STK



TE Part #NB07752001
HTAT-24/6-0-STK

Documents

Product Drawings

PUSH-PUSH SIM CONNECTOR SUPER LOWPROFILE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2174918-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174918-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2174918-1_C.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

2-1773464-0_SIM_Card_Connectors_Quick_Reference_Guide

English

Product Specifications

Application Specification

Japanese

TERMINATION OF AMP-LATCH ACTION PIN HEADER ASSEMBLY

Japanese



Product Environmental Compliance

TE Material Declaration

English