



SIM Connectors

TE Internal #: 2-2042647-0

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	Without
Card Guide Slots	With
Compatible Card	2FF mini SIM
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

Card Detection Switch	Without
Card Insertion Style	Normal Insertion
Number of Positions	6
Number of Loaded Positions	6

Body Features

Ejector Type	Push-Pull
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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	Yes

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	LCP (Liquid Crystal Polymer)
Housing Color	Black

Dimensions

Profile Height from PCB	2 mm[.079 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 Quantity	1300
Packaging Method	Tape & Reel

Other

Comment	Scalable Sliding, Two Piece Clip, 6-Position
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

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>

Also in the Series | SIM Connectors



LC Connectors(1)



SIM Card Connectors(10)

Documents

Product Drawings

Scalable Shielded SIM 6 pos

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-2042647-0_C.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-2042647-0_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2042647-0_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[2-1773464-0_SIM_Card_Connectors_Quick_Reference_Guide](#)



English

Product Specifications

Product Specification

English

Product Specification

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