



SIM Connectors

TE Internal #: 2174803-2

SIM Card Connectors, 3FF SIM Compatible Card, 6 Position, .1 in [2.54 mm] Centerline, 6 Loaded Positions, Surface Mount Mount, SIM Connectors

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



Compatible Card: **3FF 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	3FF SIM
Connector & Contact Terminates To	Printed Circuit Board
Product Type	Connector

Configuration Features

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

Electrical Characteristics

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

Body Features



Ejector Type	Push-Push
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Shell Material	Stainless Steel
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Contact Features

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

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

Centerline (Pitch)	2.54 mm[.1 in]
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Housing Material	Thermoplastic
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Housing Color	Black
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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
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Circuit Application	Signal
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2022 (224)

Candidate List Declared Against: JAN 2022 (223)

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 # 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

LC Connectors(1)

SIM Card Connectors(10)

Customers Also Bought



TE Part #352171-1
Z-PACK/B F-HDR. 95P



TE Part #5188835-1
Hard Metric Male Connector:
Traditional Backplane, Mezzanine,
2mm



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



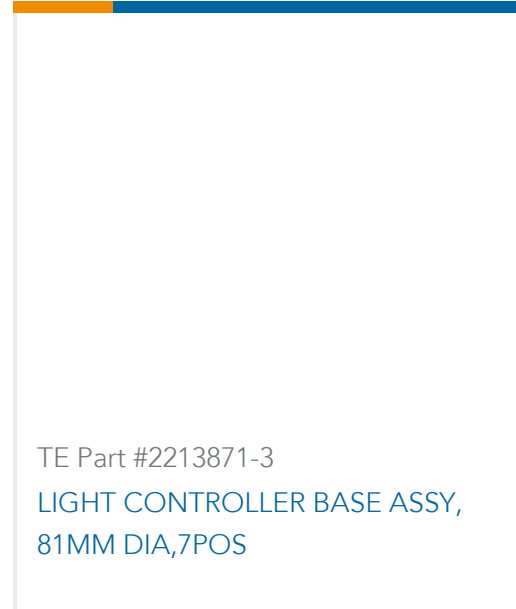
TE Part #5569381-1
STK MJ ASSY,8POS,2X1,SHLD,CAT5



TE Part #1-1623819-4
SBL4 R051 5%



TE Part #1721441-2
PCN-105D3MHZ,001B



TE Part #2213871-3
LIGHT CONTROLLER BASE ASSY,
81MM DIA,7POS

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

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

Product Specification

English

Product Specification

English

2174803-2

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Centerline, 6 Loaded Positions, Surface Mount Mount, SIM Connectors



Product Environmental Compliance

[MD_2174803-2_052220182338_dmtec](#)

English

[MD_2174803-2_052220182338_dmtec](#)

English