

2174918-1 ✓ ACTIVE

SIM Connectors

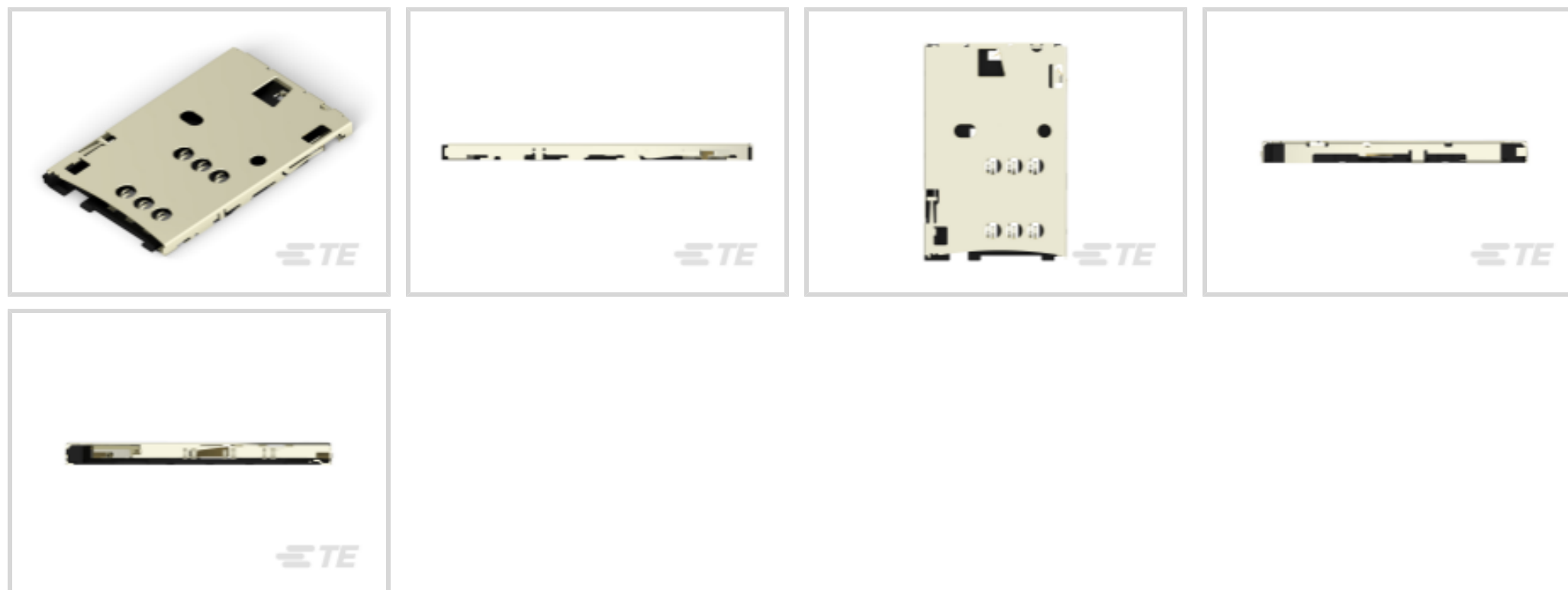
TE Internal #: 2174918-1

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

[View on TE.com >](#)



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



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
Module Type	SIM (Security Identity Module)
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

Height Above PC Board	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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211)



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>

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)

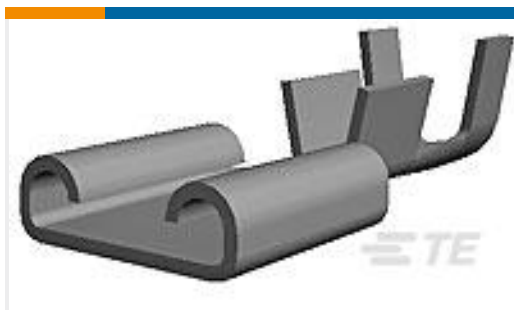


SIM Card Connectors(20)

Customers Also Bought



TE Part #1734248-4
1.0 FPC, ZIF V/T, SMT, 4P



TE Part #160916-3
250 FASTON, REC., 17-14 AWG, PB



TE Part #HD14-9-96P-C016
INL REC ASM



TE Part #1-174961-1
LOW & MEDIUM POWER HEADER



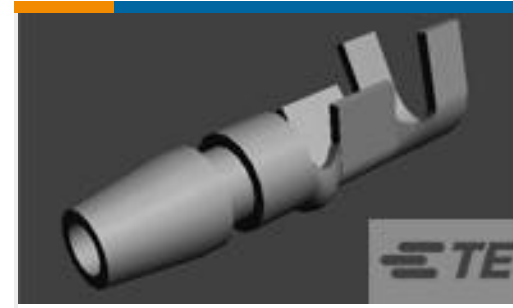
TE Part #1721081-4
PCJ-109D3M, 301



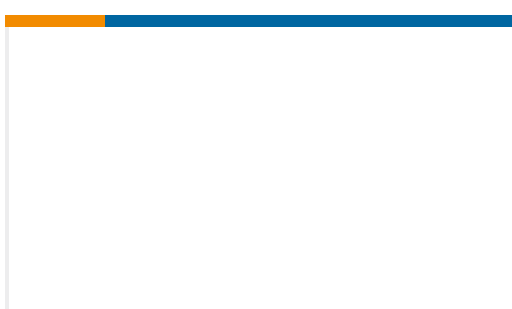
TE Part #1-1735413-1
Assembly Slimline SATA Receptacle
7P+6P



TE Part #1452862-1
COVER 96POS. ASSY



TE Part #170020-3
SHUR PLUG 20-14 MM2 BRIGHT DIP
OIL BR



TE Part #171367-1
MIC CAP 21P ASSY H

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