

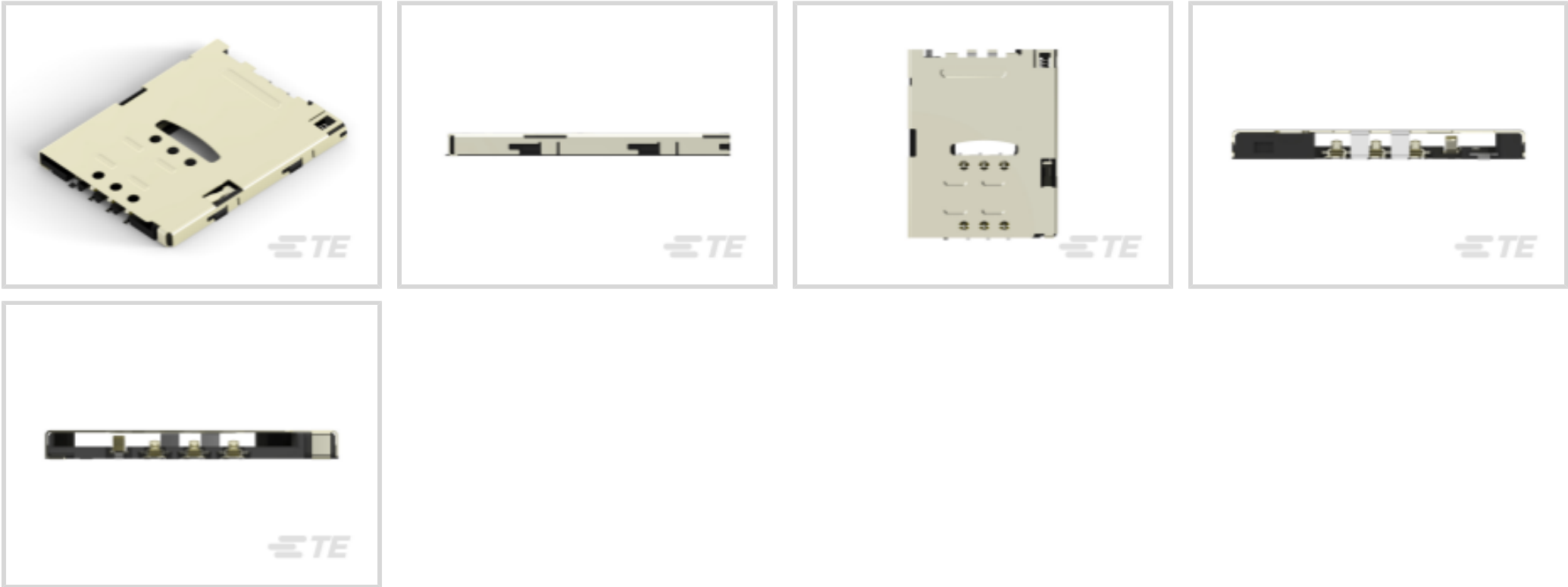


SIM Connectors

TE Internal #: 1981959-1  
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 Detection Switch	With
Card Insertion Style	Normal Insertion
Number of Positions	6
Number of Loaded Positions	6

Electrical Characteristics

Current Rating (Max)	1.2 A
Voltage Rating	15 VAC



Body Features

Ejector Type	Push-Push
Shell Material	Copper Alloy

Contact Features

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.2 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

Height Above PC Board	1.87 mm[.073 in]
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Usage Conditions

Operating Temperature Range	-25 – 70 °C[-13 – 158 °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	800
Packaging Method	Tape & Reel

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
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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 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 Model / Part # 1932768-1  
SUPER LOW PROFILE 1.95SIM WITH FLANGE



TE Model / Part # 2174918-1  
PUSH-PUSH SIM CONNECTOR  
SUPER LOWPROFILE

Also in the Series

SIM Connectors




LC Connectors(1)




SIM Card Connectors(20)




Customers Also Bought




TE Model / Part #5569984-1  
RJ25 Connectors



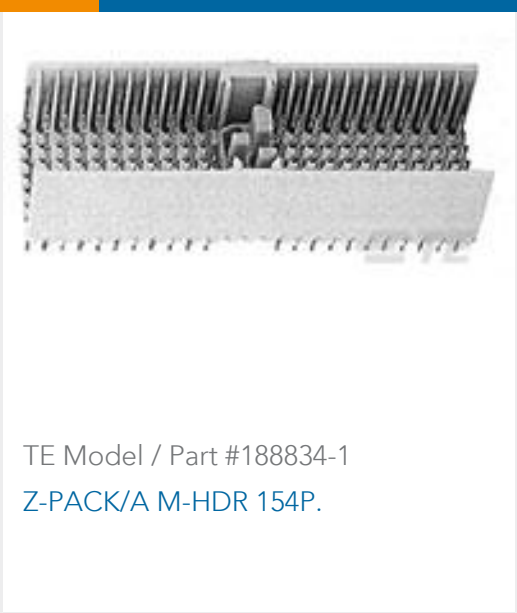
TE Model / Part #1462051-1  
AXICOM HF RELAY 3GHZ




TE Model / Part #2199119-3  
M.2 CONNECTORS




TE Model / Part #532903-3  
HDI RECP ASSY 4 ROW 128 POS




TE Model / Part #188834-1  
Z-PACK/A M-HDR 154P.




TE Model / Part #1888617-1  
Cage Assy, QSFP, Through Bezel




TE Model / Part #5796055-2  
68 CHAMP R/A ASSY,LC



TE Model / Part #2013499-1  
MICRO USB, TYPE B



TE Model / Part #1825059-6  
ADF02STTR04=DIP S,FLUSH,SMT-GW



TE Model / Part #2174803-2  
PUSH-PUSH MICRO SIM CONNECTOR

Documents

Product Drawings

PUSH PUSH SIM H1.87 SWITCH EMBOSS ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1981959-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1981959-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1981959-1\_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

Product Specification

English

Product Specification

Japanese

Product Environmental Compliance

TE Material Declaration

English