

## 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

[View on TE.com >](#)
[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 |
|--------------|-----------|

|                |                 |
|----------------|-----------------|
| 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 Material | Thermoplastic |
|------------------|---------------|

|               |       |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

### Dimensions

|                         |                 |
|-------------------------|-----------------|
| Profile Height from PCB | 1.3 mm[.051 in] |
|-------------------------|-----------------|

### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -30 – 85 °C[-22 – 185 °F] |
|-----------------------------|---------------------------|

### Operation/Application

|                   |             |
|-------------------|-------------|
| Durability Rating | 1500 Cycles |
|-------------------|-------------|

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

### Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

### Packaging Features

|                  |             |
|------------------|-------------|
| 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: JUNE 2022 (224)

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 Part # 2199337-5  
ASS'Y FOR MICRO SIM H1.18 8POS (EMBOSS)

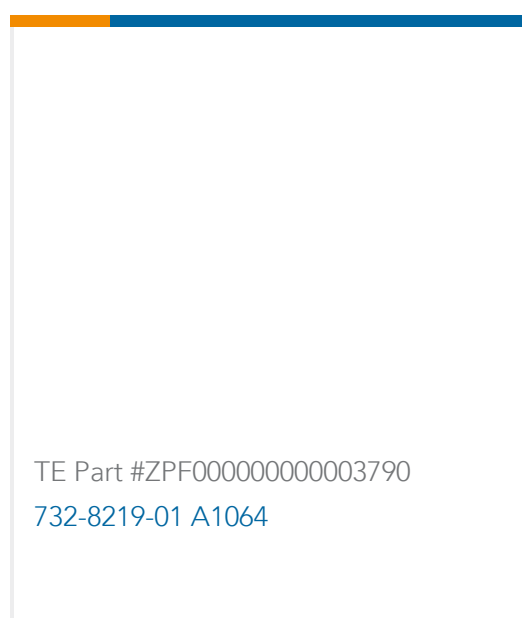
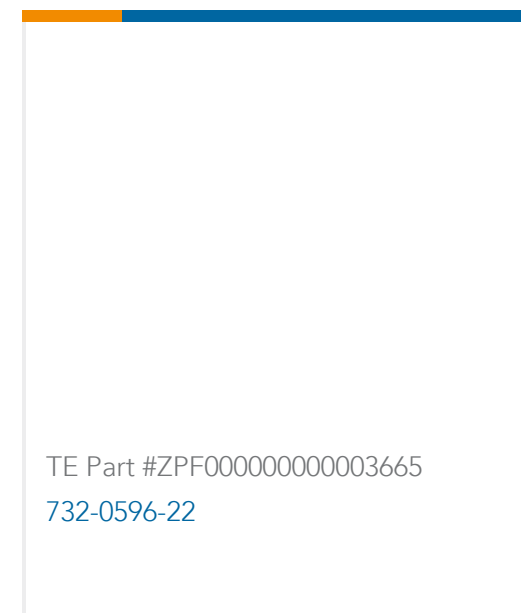
TE Part # 2229333-2  
PUSH-PUSH MICRO SIM CONNECTOR SMT-2 TYPE

### Also in the Series | SIM Connectors

LC Connectors(1)

SIM Card Connectors(10)

### Customers Also Bought



## Documents

### 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

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**Product Environmental Compliance**

[MD\\_2174803-2\\_052220182338\\_dmtec](#)

English

[MD\\_2174803-2\\_052220182338\\_dmtec](#)

English