



TE Internal #: 487137-8
 FFC Contacts, Cable-to-Cable, 2.54 mm [.1 in] Centerline, FFC, Pin, Tin-Lead, Reel, Solder Tab, Wire & Cable, 2 A, Signal, Cable Mount (Free-Hanging)

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts >

2.54mm FFC Connectors Pin Contacts



Connector System: **Cable-to-Cable**
 Centerline (Pitch): **2.54 mm [.1 in]**
 Compatible With Wire & Cable Type: **FFC**
 Contact Type: **Pin**
 Contact Mating Area Plating Material: **Tin-Lead**

[All 2.54mm FFC Connectors Pin Contacts \(34\)](#)

Features

Product Type Features

| | |
|-----------------------------------|----------------|
| Connector System | Cable-to-Cable |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|-----------------------------------|-----|
| Compatible With Wire & Cable Type | FFC |
|-----------------------------------|-----|

Contact Features

| | |
|-----------------------------------------------|-----------------|
| Centerline (Pitch) | 100 µin |
| PCB Contact Termination Area Plating Material | Nickel |
| Contact Base Material | Phosphor Bronze |
| Contact Type | Pin |
| Contact Mating Area Plating Material | Tin-Lead |
| Contact Current Rating (Max) | 2 A |

Termination Features

| | |
|------------------------------------|------------|
| Termination Method to Wire & Cable | Solder Tab |
|------------------------------------|------------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|



Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 2.54 mm [.1 in] |
|--------------------|-----------------|

Dimensions

| | |
|-------------------------|------------------|
| Accepts Conductor Width | 1.27 mm [.05 in] |
|-------------------------|------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

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

Packaging Features

| | |
|------------------|------|
| Packaging Method | Reel |
|------------------|------|

Other

| | |
|---------|--------------------------------------------------------------------------|
| Comment | Recommended hole size for solder tabs is 0.79-0.89 [.031-.035] diameter. |
|---------|--------------------------------------------------------------------------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUN 2013 (144) SVHC > Threshold: Not Yet Reviewed |
| 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 Regulations, TE's information on SVHC in

articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # CAT-F439-R2435254
2.54mm FFC Connectors Receptacle
Housing



TE Part # 1-528013-1
FFC PISTOL GRIP HAND TOOL CASE



TE Part # 2394880-3
FFC BASE MACHINE MARK II,
ENGLISH



TE Part # 5-528441-7
APPLIC. FFC-.100 SOLDER TAB

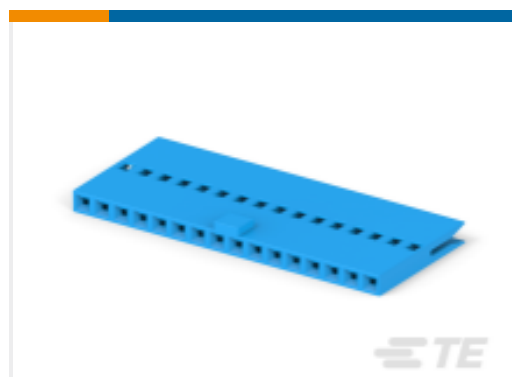
Customers Also Bought



TE Part #487378-7
2.54mm FFC Connectors Receptacle
Housing



TE Part #1-88997-2
FFC S.TAB 100SN RL



TE Part #487406-2
2.54mm FFC Connectors Socket
Contacts



TE Part #2-34141-1
PG R 22-16 COMM 22-18 MIL 4



TE Part #746610-9
040 DIP PLUG 100CL TIN

Documents

Product Drawings

[FFC SOLDER TAB FULL 100 SN-PB](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_487137-8_W.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_487137-8_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487137-8_W.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English