

1-487117-0 ✓ ACTIVE

TE Internal #: 1-487117-0

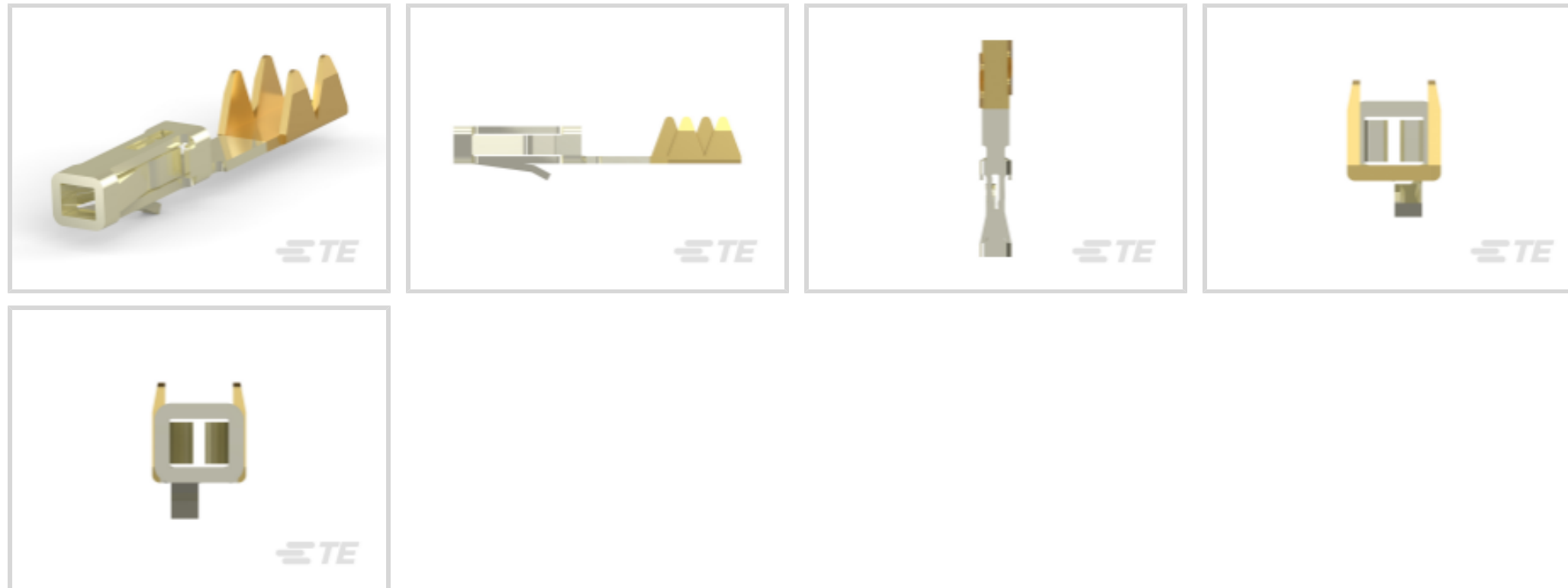
FFC Contacts, Cable-to-Cable, 2.54 mm [.1 in] Centerline, FFC, Socket, Gold, Reel, Insulation Displacement (IDC), Wire & Cable, 2 A, Signal

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

2.54mm FFC Connectors Socket Contacts



Connector System: **Cable-to-Cable**

Centerline (Pitch): **2.54 mm [.1 in]**

Compatible With Wire & Cable Type: **FFC**

Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

[All 2.54mm FFC Connectors Socket Contacts \(35\)](#)

## 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
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### Contact Features

	15 $\mu$ m
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Gold



Contact Current Rating (Max)	2 A
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### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	2.54 mm [.1 in]
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### Dimensions

Accepts Conductor Width	1.27 mm [.05 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Reel
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### Other

Comment	High pressure receptacle contacts are recommended for a maximum connector size of 15 positions.
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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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # CAT-F439-R2435254  
2.54mm FFC Connectors Receptacle Housing



TE Part # CAT-F439-S01339254  
2.54mm FFC Connectors Socket Contacts



TE Part # 88117-9  
FFC PIN CONT 15AU RL




TE Part # 1-487526-8  
019 HOUSING FFC RCPT 100CL SR



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



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



TE Part # 5-528441-5  
APPLIC. FFC-MODU.100

## Customers Also Bought



TE Part #1-1393212-7  
T92S7D22-24



TE Part #66399-3  
III+ SKT,24-20,15AU/FL,LP



TE Part #487526-7  
2.54mm FFC Connectors Receptacle Housing



TE Part #34111  
SOLIS R 22-16 COMM 22-18 MIL 8



## Documents

### Product Drawings

[RCPT CONTACT,HIGH PRESS,FFC](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-487117-0\\_AN.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-487117-0\\_AN.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-487117-0\\_AN.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

### Product Environmental Compliance

[MD\\_1-487117-0\\_09252015210\\_dmtec](#)

English

[MD\\_1-487117-0\\_09252015210\\_dmtec](#)

English

### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Extraction Tools](#)

English