

487117-9 ✓ ACTIVE

TE Internal #: 487117-9

FFC Contacts, Cable-to-Cable, 2.54 mm [.1 in] Centerline, FFC, Socket, Tin, 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: **Tin**

[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

	100 $\mu$ m
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	2 A

### 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>](#)

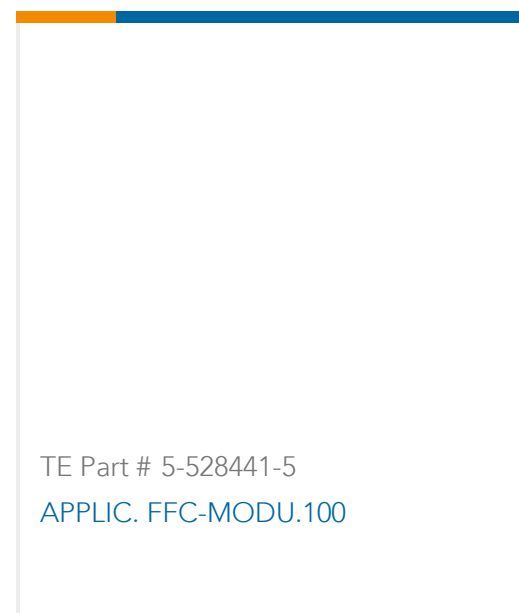
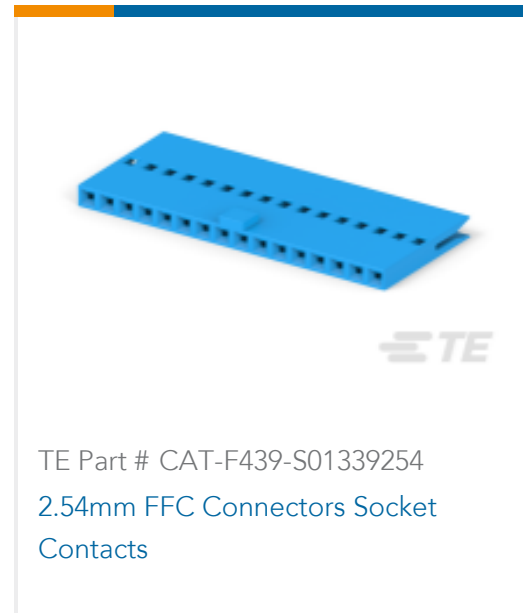
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### 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



## Documents

### Product Drawings

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

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_487117-9\\_AN.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_487117-9\\_AN.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_487117-9\\_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



**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**Extraction Tools**

English