



TE Internal #: 3-88637-5

FFC Connectors, Housing, Wire-to-Board, 70 Position, 2.54mm [.1in] Centerline, 2 Row, Row-to-Row Spacing .1 in [2.54 mm], Socket, Package

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

2.54mm FFC Connectors Receptacle Housing



FFC Connector Product Type: **Housing**

Connector System: **Wire-to-Board**

Number of Positions: **70**

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

Number of Rows: **2**

[All 2.54mm FFC Connectors Receptacle Housing \(143\)](#)

## Features

### Product Type Features

Connector & Housing Type	Receptacle
FFC Connector Product Type	Housing
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Insertion Force Type	Normal

### Configuration Features

Compatible With Wire & Cable Type	FFC
Number of Positions	70
Number of Rows	2

### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	720 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	300 VAC

### Contact Features

Contact Type	Socket
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### Mechanical Attachment

Mating Alignment Type	Polarization
Panel Mount Feature Type	Mounting Ears
Mating Retention Type	Detent Window
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	Nylon
Centerline (Pitch)	2.54 mm[.1 in]
FFC Cable Entry	Straight
Housing Color	Black

### Dimensions

Row-to-Row Spacing	2.54 mm[.1 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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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### Other

Comment	Use Extraction Tool No. 91093-1 for round wire contacts.
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### 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	Compliant



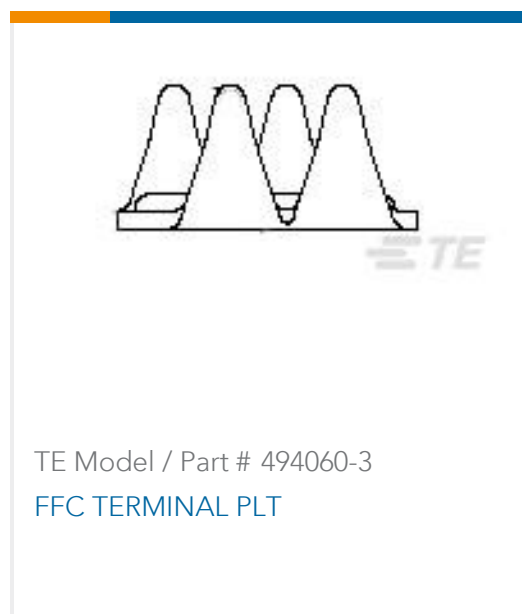
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUN 2020 (209) Not Yet Reviewed
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

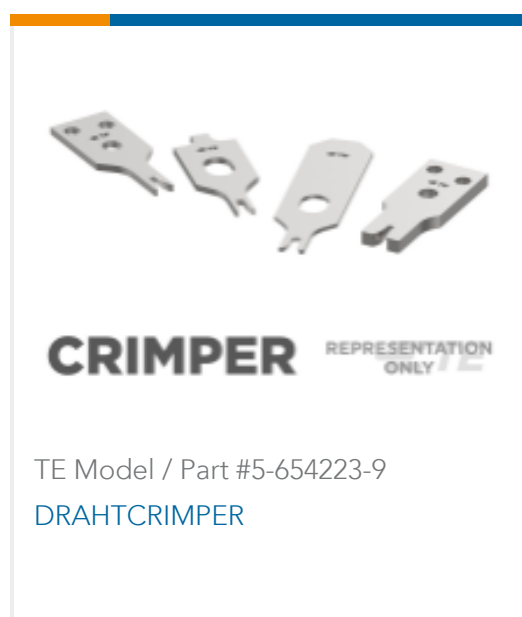
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 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

 <p>TE Model / Part # CAT-F439-S01339254 2.54mm FFC Connectors Socket Contacts</p>	 <p>TE Model / Part # CAT-F439-P65127 1.27mm FFC Connectors Pin Contacts</p>	 <p>TE Model / Part # CAT-F439-P65254 2.54mm FFC Connectors Pin Contacts</p>	 <p>TE Model / Part # CAT-F439-S01339127 1.27mm FFC Connectors Socket Contacts</p>
 <p>TE Model / Part # 1761852-1 FFC RCPT HP 100SNPB RL NO LUBE</p>	 <p>TE Model / Part # 1-487137-1 FFC SOLDER TAB FULL 100 SN</p>	 <p>TE Model / Part # 487787-3 FFC SPLICE CONTACT L.P.</p>	 <p>TE Model / Part # 487843-1 FFC SPLICE CONTACT</p>



## Customers Also Bought



## Documents

### Product Drawings

070 HOUSING FFC RCPT DR 100CL

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-88637-5\\_AN\\_c-3-88637-5-an.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-88637-5\\_AN\\_c-3-88637-5-an.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-88637-5\\_AN\\_c-3-88637-5-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

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English

#### Extraction Tool for Flexible Flat Cable (FFC)

English

#### Instruction Sheet (U.S.)

English

#### Extraction Tools

English

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### Agency Approvals

#### CSA Certificate

English