TE Internal #: 86571-4

FFC Contacts, Cable-to-Cable, 2.54mm [.1in] Centerline, Discrete

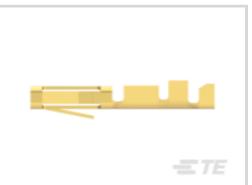
Wire Compatible With Wire & Cable Type, Socket

View on TE.com >

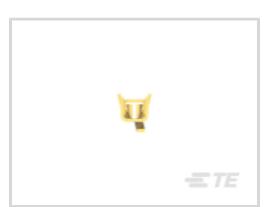


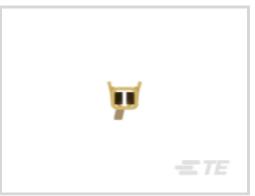
Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts > 2.54mm FFC Connectors Socket Contacts











Connector System: Cable-to-Cable
Centerline (Pitch): 2.54 mm [ .1 in ]

Compatible With Wire & Cable Type: Discrete Wire

Contact Type: Socket

Contact Mating Area Plating Material: Gold Flash/Palladium Nickel or Gold/Nickel

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	Discrete Wire
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#### Contact Features

Contact Features	
	30 µin
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 Flash/Palladium Nickel or Gold/Nickel
Contact Current Rating (Max)	2 A



### **Termination Features**

Termination Method to Wire & Cable	Crimp
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, 1.82 mm
Wire Size	.12 – .4 mm²
Accepts Wire Insulation Diameter Range	1.02 – 1.42 mm[.04 – .056 in]
Usage Conditions	
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Circuit Application	Signal
Packaging Features	
Packaging Method	Box
Other	
Comment	Use Extraction Tool No. 91092-1 for end locking slot and Extraction Tool No. 91093-1 for side locking lance slot.

## **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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

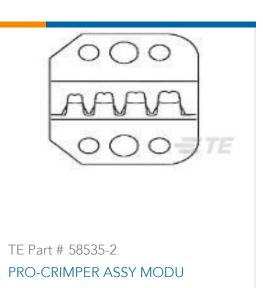
## **Compatible Parts**



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



TE Part # 58535-1
PRO-CRIMPER ASSY MODU MODII







# **Customers Also Bought**





















### **Documents**

### **Product Drawings**

RND WIRE RCPT L.P.

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_86571-4\_E.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_86571-4\_E.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_86571-4\_E.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

**Application Specification** 

English

#### **Instruction Sheets**

Instruction Sheet (U.S.)

English

FFC Contacts, Cable-to-Cable, 2.54mm [.1in] Centerline, Discrete Wire Compatible With Wire & Cable Type, Socket



**Extraction Tools** 

English

Instruction Sheet (U.S.)

English

Extraction Tool for Flexible Flat Cable (FFC)

English