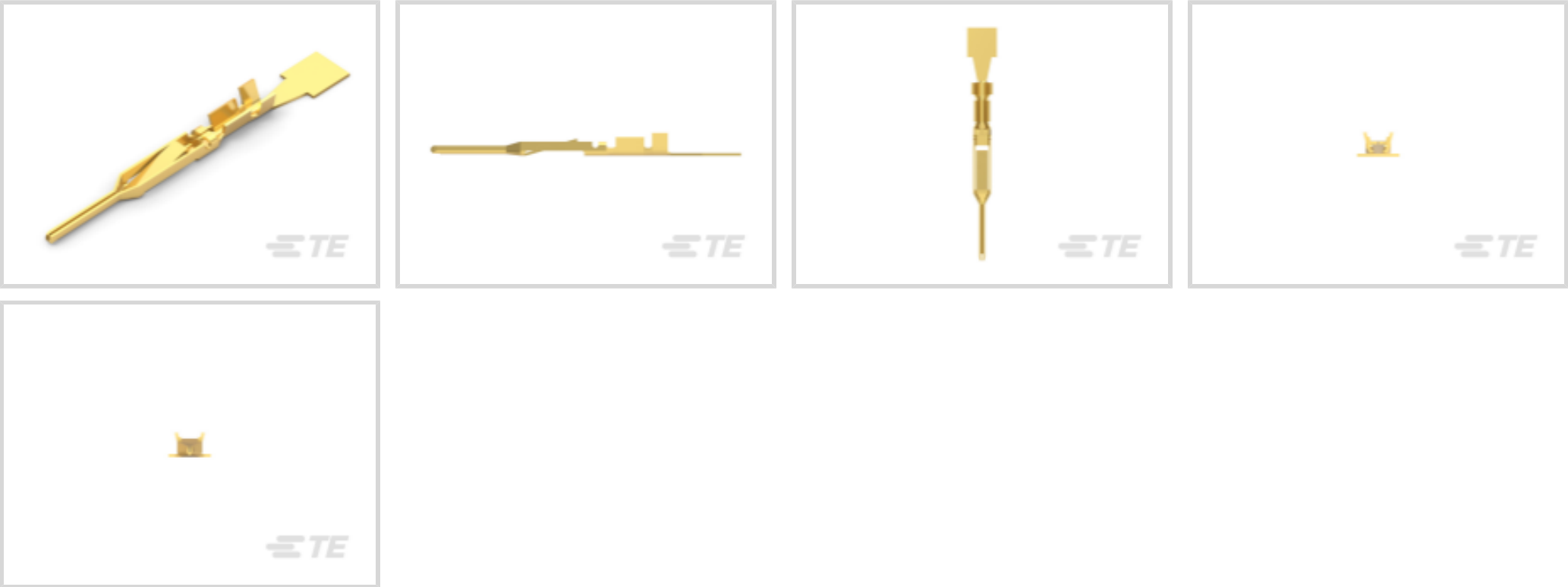




Connectors > Contacts > Connector Contacts > 2.54mm FFC Connectors Pin Contacts



Contact Type: Pin

Contact Mating Area Plating Material: Gold Flash over Palladium Nickel, Gold

Compatible With Wire & Cable Type: Discrete Wire

Wire Size: .2 – .4 mm<sup>2</sup>

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

Features

Packaging Features

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

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Accepts Conductor Width              | 1.82 mm, 1.27 mm              |
| Compatible Insulation Diameter Range | 1.02 – 1.42 mm[.04 – .056 in] |
| Wire Size                            | .2 – .4 mm <sup>2</sup>       |

Contact Features

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| Contact Underplating Material                 | Nickel                                 |
| PCB Contact Termination Area Plating Material | Gold Flash                             |
|                                               | 15 µin                                 |
| Contact Type                                  | Pin                                    |
| Contact Mating Area Plating Material          | Gold Flash over Palladium Nickel, Gold |
| Contact Base Material                         | Phosphor Bronze                        |
| Contact Current Rating (Max)                  | 2 A                                    |

Configuration Features



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

Termination Features

|                                    |                               |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
| Product Terminates To              | Wire & Cable                  |

Usage Conditions

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

Operation/Application

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

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Product Compliance

For compliance documentation, visit the product page on TE.com>

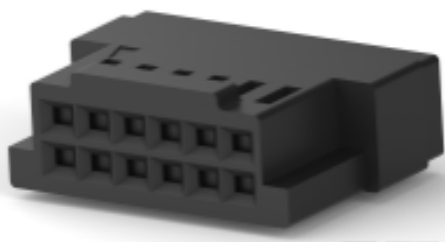
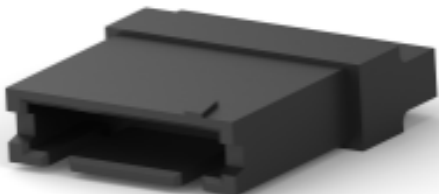
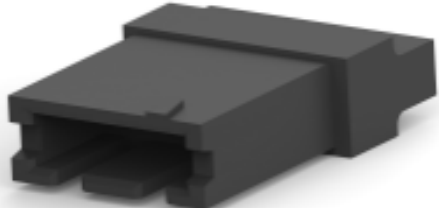
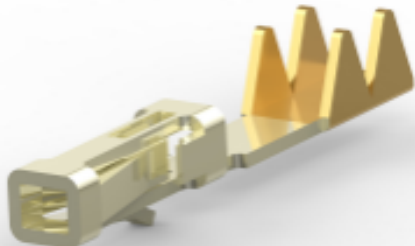
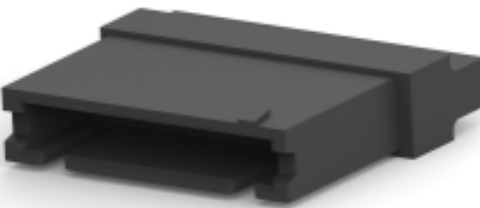
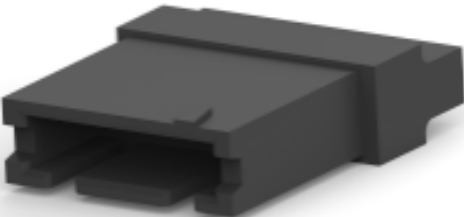
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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                     | 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 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

|                                                                                                                                                                   |                                                                                                                                                  |                                                                                                                                                    |                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-F439-R2435254<br/>2.54mm FFC Connectors Receptacle Housing</p> |  <p>TE Part # 485893-4<br/>006 HOUSING FFC PIN 100CL SR</p>     |  <p>TE Part # 485893-5<br/>007 HOUSING FFC PIN 100CL SR</p>     |  <p>TE Part # 485893-8<br/>010 HOUSING FFC PIN 100CL SR</p>     |
|  <p>TE Part # 485893-9<br/>011 HOUSING FFC PIN 100CL SR</p>                     |  <p>TE Part # 1-485893-4<br/>016 HOUSING FFC PIN 100CL SR</p>  |  <p>TE Part # 3-88189-2<br/>006 HOUSING FFC PIN DR 100CL</p>   |  <p>TE Part # 1-485893-0<br/>012 HOUSING FFC PIN 100CL SR</p>  |
|  <p>TE Part # 1-88189-0<br/>026 HOUSING FFC PIN DR 100CL</p>                   |  <p>TE Part # 485897-2<br/>004 HOUSING FFC PIN 100CL SR</p>   |  <p>TE Part # 1-485893-6<br/>018 HOUSING FFC PIN 100CL SR</p> |  <p>TE Part # 1-485893-8<br/>020 HOUSING FFC PIN 100CL SR</p> |
|  <p>TE Part # 3-88190-0<br/>010 HOUSING FFC PIN DR 100CL</p>                   |  <p>TE Part # 485893-2<br/>004 HOUSING FFC PIN 100CL SR</p>   |  <p>TE Part # 2-487406-6<br/>RCPT CONTACT,STD PRESS,FFC</p>   |  <p>TE Part # 485893-6<br/>008 HOUSING FFC PIN 100CL SR</p>   |
|  <p>TE Part # 485893-3<br/>005 HOUSING FFC PIN 100CL SR</p>                    |  <p>TE Part # 1-485893-1<br/>013 HOUSING FFC PIN 100CL SR</p> |  <p>TE Part # 1-485893-3<br/>015 HOUSING FFC PIN 100CL SR</p> |  <p>TE Part # 3-88190-4<br/>016 HOUSING FFC PIN DR 100CL</p>  |

Customers Also Bought



TE Part #5-747904-2  
9 Plug Solder Cup, Gold Flash,

TE Part #87456-6  
10 MODIV HSG DR MRKD .100CL

TE Part #52264  
TERMINAL R PG 6 5/16

TE Part #321045  
PIDG Ring Tongue Terminals

TE Part #5516930001  
RPS-1K-6-250/2.0-9

TE Part #NB25862001  
SCL-3/16-0-STK

TE Part #2000713-1  
RA Keyed Guide Mod, Vita 46,  
Machined

TE Part #3-88189-0  
010 HOUSING FFC PIN DR 100CL

Documents

Product Drawings

FFC PIN ROUND WIRE PLTD AU15

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_86656-2\_AF.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_86656-2\_AF.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_86656-2\_AF.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



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

English

[Extraction Tool for Flexible Flat Cable \(FFC\)](#)

English