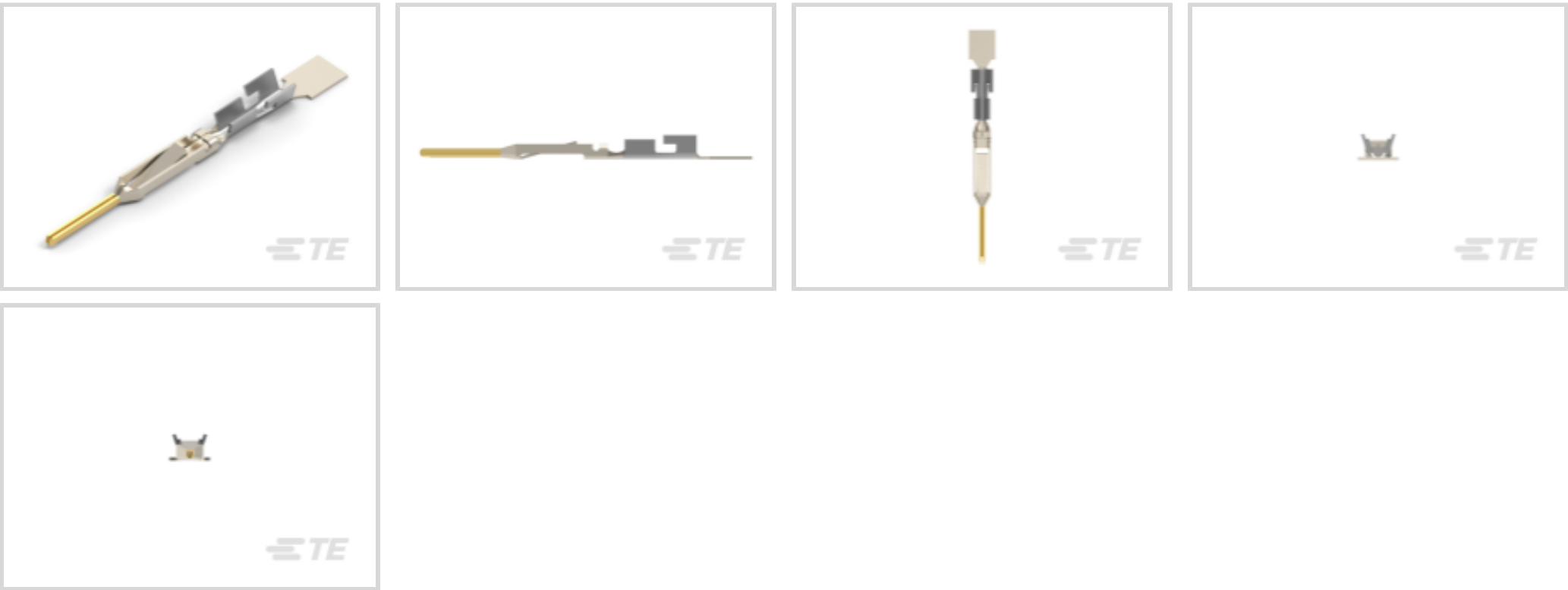




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts > 2.54mm FFC Connectors Pin Contacts



Connector System: Cable-to-Cable

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

Compatible With Wire & Cable Type: Discrete Wire

Contact Type: Pin

Contact Mating Area Plating Material: Gold

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

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 |
|-----------------------------------|---------------|

Contact Features

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



Termination Features

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement Crimp (IDC) |
|------------------------------------|-------------------------------------|

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                              | .2 – .4 mm <sup>2</sup>       |
| 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 | Bag |
|------------------|-----|

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)<br>Candidate List Declared Against: JAN 2021 (211)<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                     | Not applicable for solder process capability                                                                                  |

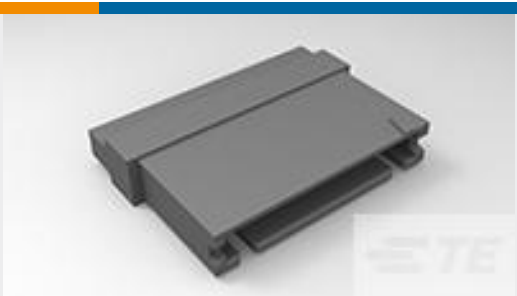


Product Compliance Disclaimer

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

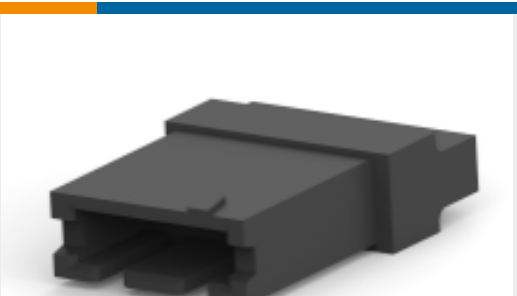
|                                                                                                                                                                     |                                                                                                                                                  |                                                                                                                                                    |                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-F439-R2435254<br/>2.54mm FFC Connectors Receptacle Housing</p> |  <p>TE Part # 58535-1<br/>PRO-CRIMPER ASSY MODU MODII</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> |



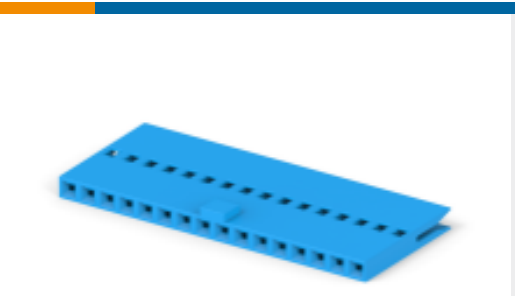
TE Part # 1-485893-8  
020 HOUSING FFC PIN 100CL SR



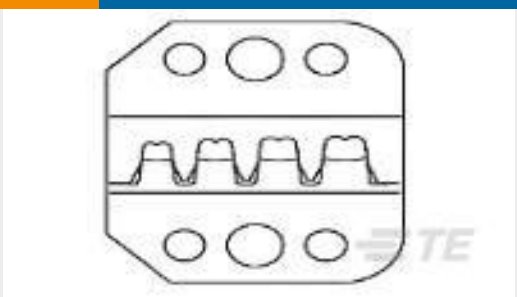
TE Part # 3-88190-0  
010 HOUSING FFC PIN DR 100CL



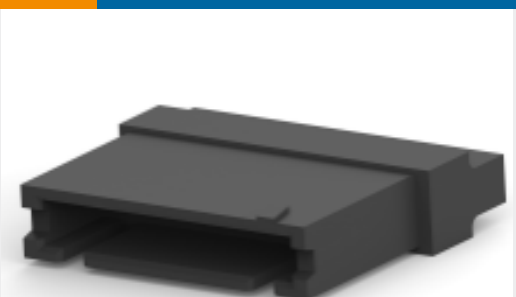
TE Part # 485893-2  
004 HOUSING FFC PIN 100CL SR



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



TE Part # 58535-2  
PRO-CRIMPER ASSY MODU



TE Part # 485893-6  
008 HOUSING FFC PIN 100CL SR

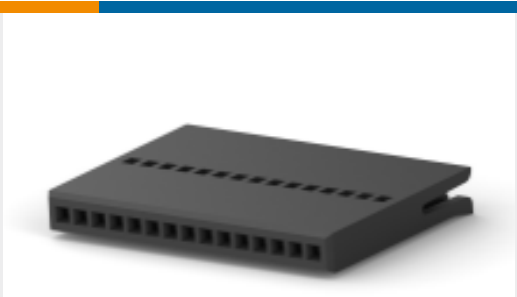


TE Part # 485893-3  
005 HOUSING FFC PIN 100CL SR



TE Part # 1-485893-1  
013 HOUSING FFC PIN 100CL SR

Customers Also Bought



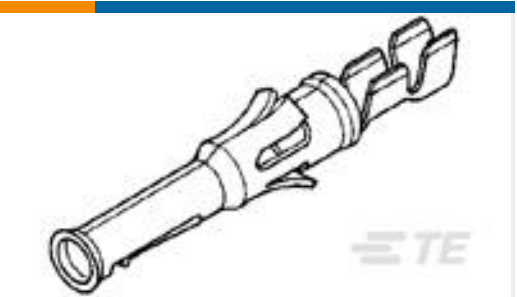
TE Part #1-487545-7  
FFC Receptacle Housing: 1.27mm



TE Part #1-487547-1  
1.27mm FFC Connectors Socket  
Contacts



TE Part #103653-3  
04 MTE SHRD PIN HSG SR LATCH



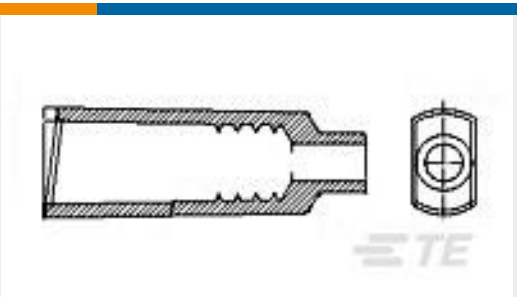
TE Part #1-66584-0  
TYPE VI SOCKET,MULTI-MATE



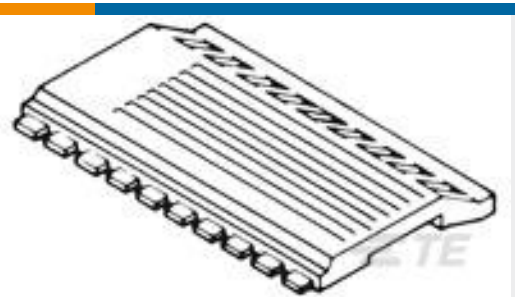
TE Part #1-1986227-2  
12 POS, Mkg Strip, Numbered



TE Part #1-562108-5  
CRIMPER WIRE



TE Part #1-1627011-5  
INSULATOR, POST-FIT (H1135/5000)



TE Part #1-102541-0  
24 AMPMODU MT COVER DR .100CL



TE Part #1-85829-0  
10 MODI HDR SRST .156CL



TE Part #YAFD57-24-61SNC012  
PLUG ASSY

Documents



Product Drawings

FFC,PIN CONTACT,LP,ROUND WIRE,

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_494034-2\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_494034-2\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_494034-2\_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

Extraction Tool for Flexible Flat Cable (FFC)

English

Instruction Sheet (U.S.)

English