



TE Internal #: 1-86557-4  
 FFC Contacts, Cable-to-Cable, 2.54 mm [.1 in] Centerline, Discrete  
 Wire, Pin, Tin-Lead, Reel, Insulation Displacement (IDC), 26 – 22  
 AWG Wire Size

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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: **Tin-Lead**

[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
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### Contact Features

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

### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Mechanical Attachment

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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, 2.33 mm
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Wire Size	.12 – .4 mm <sup>2</sup>
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Accepts Wire Insulation Diameter Range	1.02 – 1.42 mm [.04 – .056 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	Crimp Control Monitor 567561-1 for AMPOMATOR CLS II Machine., Crimp Control Monitor 567561-2 for AMP-O-ELECTRIC., Use Extraction Tool No. 91092-1 for end locking slot and Extraction Tool No. 91093-1 for side locking lance slot.
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## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC &gt; Threshold:</p> <p>Pb (13% in Component Part)</p> <p><b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability

Reflow solder capable to 260°C

Product Compliance Disclaimer

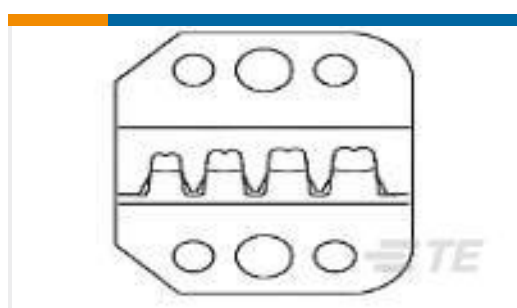
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

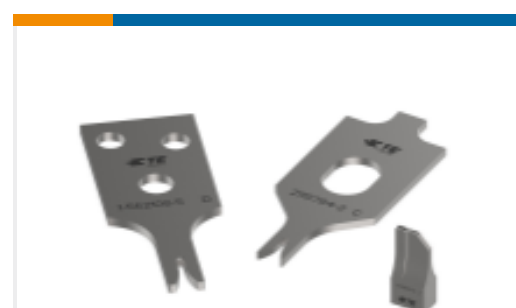
 <p>TE Part # CAT-F439-S01339254 2.54mm FFC Connectors Socket Contacts</p>	 <p>TE Part # CAT-F439-R2435254 2.54mm FFC Connectors Receptacle Housing</p>	 <p>TE Part # 485893-5 007 HOUSING FFC PIN 100CL SR</p>	 <p>TE Part # 485893-8 010 HOUSING FFC PIN 100CL SR</p>
 <p>TE Part # 485893-9 011 HOUSING FFC PIN 100CL SR</p>	 <p>TE Part # 1-485893-4 016 HOUSING FFC PIN 100CL SR</p>	 <p>TE Part # 3-88189-2 006 HOUSING FFC PIN DR 100CL</p>	 <p>TE Part # 1-88189-0 026 HOUSING FFC PIN DR 100CL</p>
 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 485897-2 004 HOUSING FFC PIN 100CL SR</p>	 <p>TE Part # 1-485893-6 018 HOUSING FFC PIN 100CL SR</p>	 <p>TE Part # 1-485893-8 020 HOUSING FFC PIN 100CL SR</p>



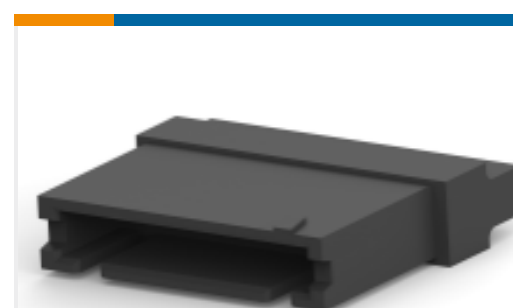
TE Part # 3-88190-0  
010 HOUSING FFC PIN DR 100CL



TE Part # 58535-2  
PRO-CRIMPER ASSY MODU



**KIT**  
REPRESENTATION ONLY  
TE Part # 7-2151980-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F062O



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



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



TE Part # 485893-4  
006 HOUSING FFC PIN 100CL SR



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



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

## Documents

### Product Drawings

#### FFC PIN ROUND WIRE PLATED

English

#### FFC PIN ROUND WIRE PLATED

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-86557-4\\_AW.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-86557-4\\_AW.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-86557-4\\_AW.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