

86561-4 ✓ ACTIVE

TE Internal #: 86561-4

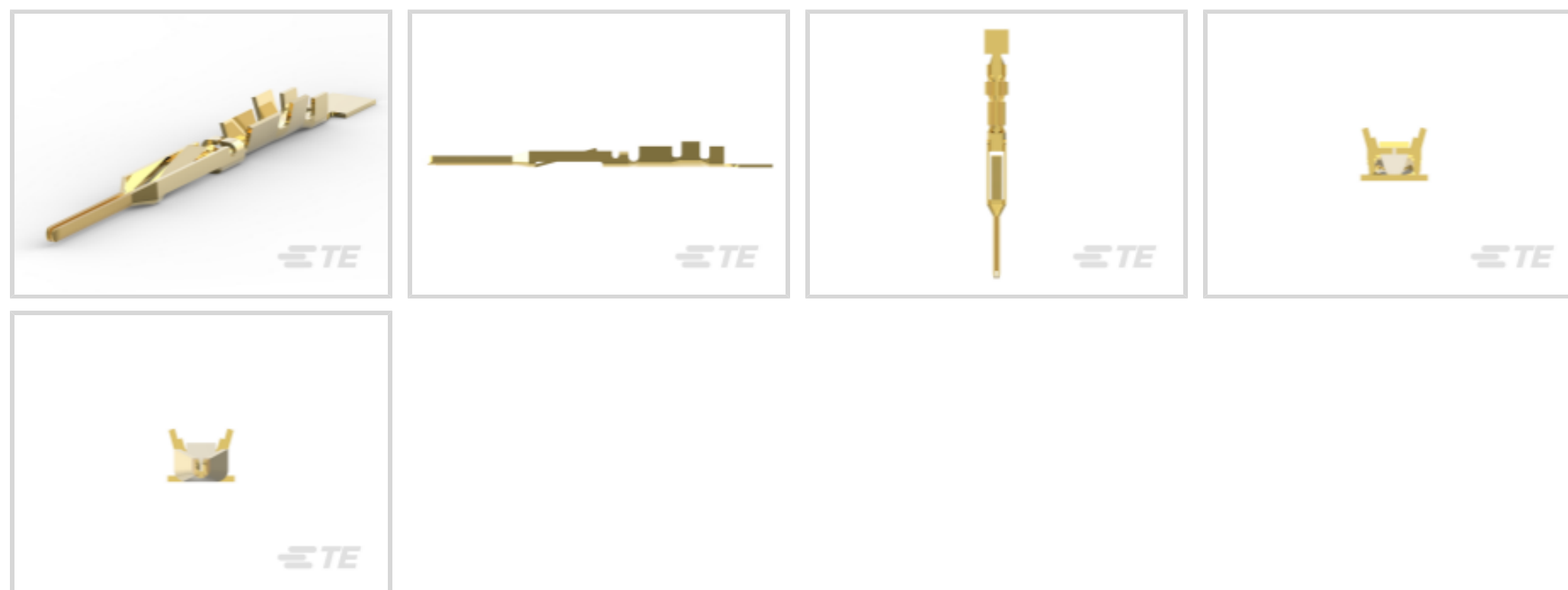
FFC Contacts, .1 in [2.54 mm] Centerline, Discrete Wire, Pin, Gold,
Loose Piece, Insulation Displacement (IDC), 26 – 22 AWG Wire Size

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

2.54mm FFC Connectors Pin Contacts



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

Compatible With Wire & Cable Type: **Discrete Wire**

Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

Packaging Method: **Loose Piece**

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

Features

Product Type Features

Connector & Contact Terminates To

Wire & Cable

Configuration Features

Compatible With Wire & Cable Type

Discrete Wire

Contact Features

30 μ m

Contact Underplating Material

Nickel

PCB Contact Termination Area Plating Material

Gold Flash

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 (IDC)



Housing Features

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

Accepts Conductor Width	1.27 mm, 2.33 mm
Wire Size	.12 – .4 mm ²
Compatible Insulation Diameter Range	1.02 – 1.42 mm [.04 – .056 in]

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	Loose Piece
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Other

Connector Contacts Comment	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>](#)

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



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



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



TE Part # 485893-5
007 HOUSING FFC PIN 100CL SR



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



TE Part # 485893-9
011 HOUSING FFC PIN 100CL SR



TE Part # 1-485893-4
016 HOUSING FFC PIN 100CL SR



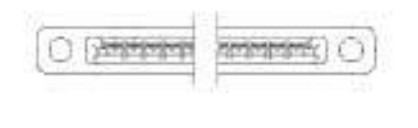
TE Part # 3-88189-2
006 HOUSING FFC PIN DR 100CL



TE Part # 1-88189-0
026 HOUSING FFC PIN DR 100CL



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



TE Part # 485897-2
004 HOUSING FFC PIN 100CL SR



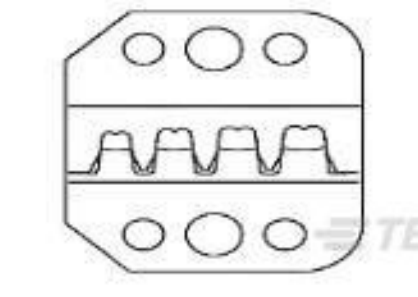
TE Part # 1-485893-6
018 HOUSING FFC PIN 100CL SR



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



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



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



Customers Also Bought



Documents

Product Drawings

[ROUND WIRE PIN L.P.](#)

English

[ROUND WIRE PIN L.P.](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_86561-4_D.2d_dxf.zip](#)



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_86561-4_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_86561-4_D.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