

86561-6 ✓ ACTIVE

TE Internal #: 86561-6

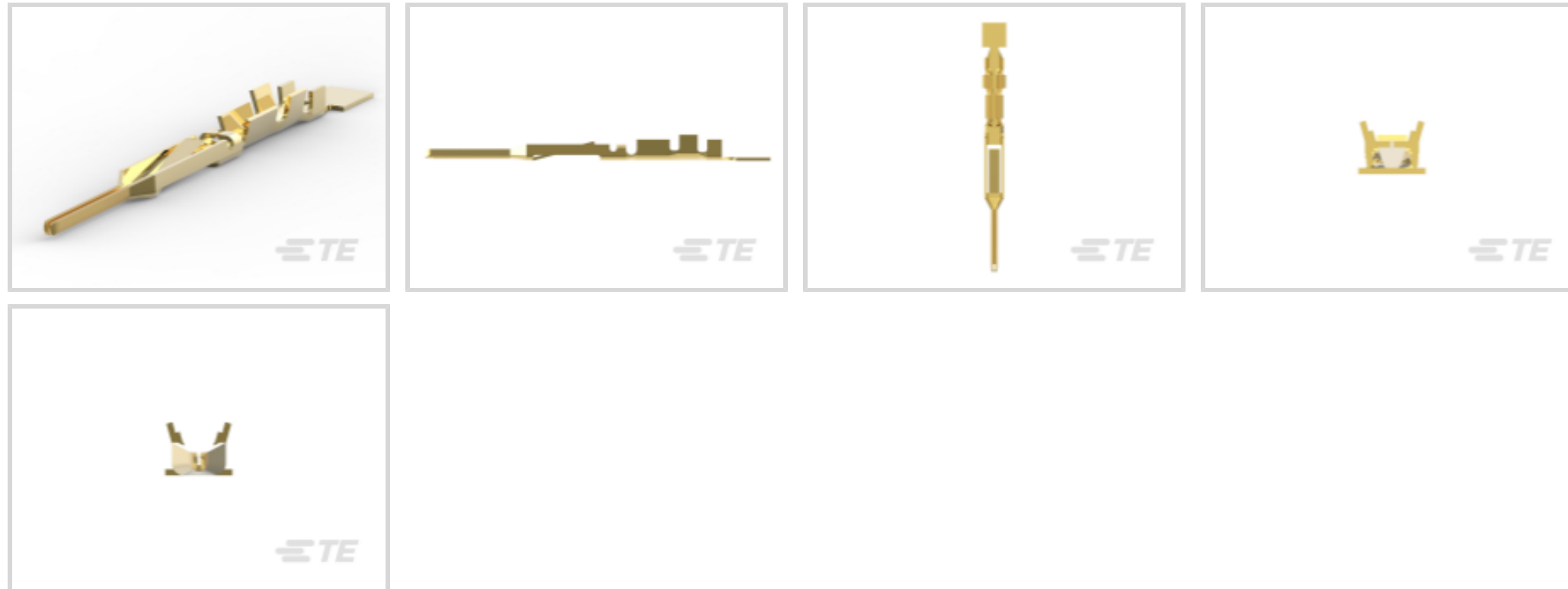
FFC Contacts, .1 in [2.54 mm] Centerline, Discrete Wire, Pin, Gold,  
Loose Piece, Insulation Displacement (IDC), 26 – 22 AWG Wire Size

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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
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### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Contact Features

	15 µin
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)
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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
Wire Size	.12 – .4 mm <sup>2</sup>
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 # 2-487406-6  
RCPT CONTACT,STD PRESS,FFC



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



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



TE Part # 280637  
4POS DBL PIN HSG



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



TE Part # 280629  
AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



TE Part # 280628  
AMPMODU II COSI PIN HSG, SGL ROW, 2 POS.



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



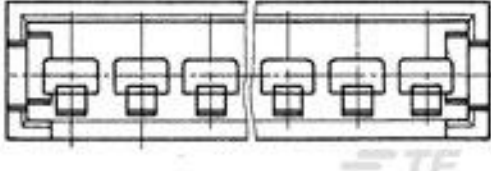
TE Part # 485893-8  
010 HOUSING FFC PIN 100CL SR



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



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



TE Part # 280633  
AMPMODU II COSI PIN HSG, SGL ROW, 10 POS



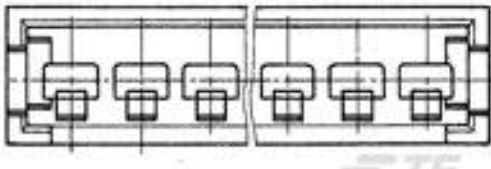
TE Part # 3-88189-2  
006 HOUSING FFC PIN DR 100CL



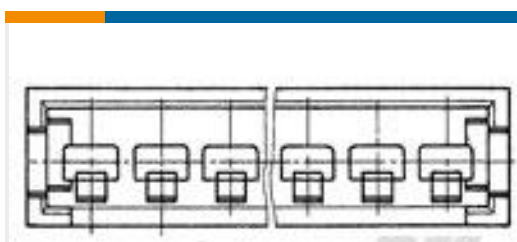
TE Part # 1-88189-0  
026 HOUSING FFC PIN DR 100CL



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



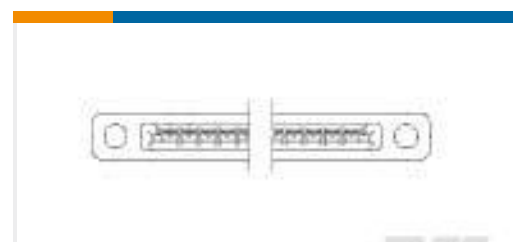
TE Part # 280630  
AMPMODU II COSI PIN HSG, SGL ROW, 6 POS.



TE Part # 280631  
AMPMODU II COSI PIN HSG, SGL  
ROW, 8 POS.



TE Part # 280638  
MOD II HSG



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



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

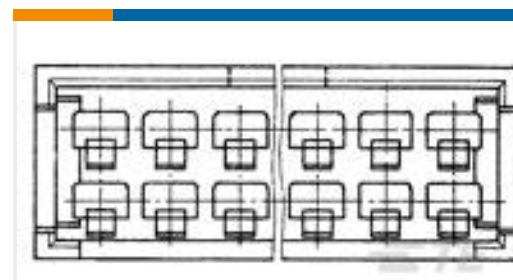
## Customers Also Bought



TE Part #5-794620-4  
24P MICRO MNL ASSY,R/A,HDR,LF



TE Part #280520-2  
12P AMPMODU II SHRD HDR, ST, 0.38  
AU



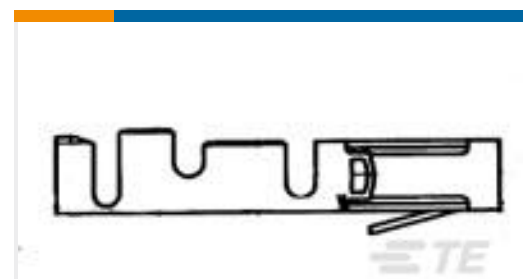
TE Part #280637  
4POS DBL PIN HSG



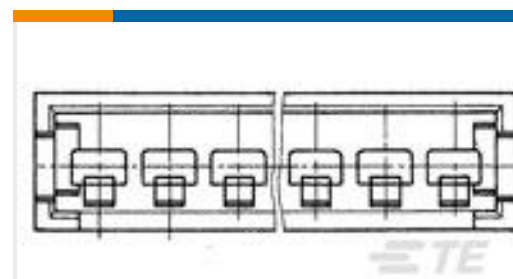
TE Part #280365  
AMPMODU, DBL ROW, CONTACT  
REC



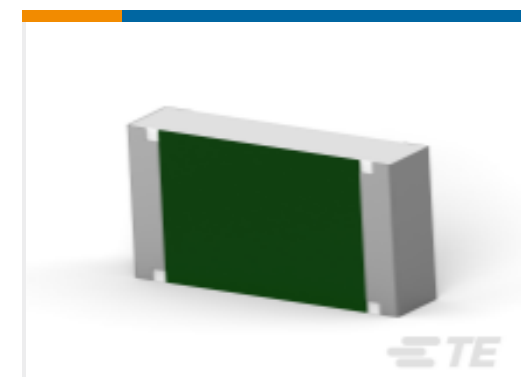
TE Part #280359  
AMPMODU II REC. HSG, SINGLE  
ROW, 4 POS.



TE Part #181270-2  
MOD II CONTACT L.P.



TE Part #280628  
AMPMODU II COSI PIN HSG, SGL  
ROW, 2 POS.



TE Part #2176398-2  
3502 15K 1%

## Documents

### Product Drawings

#### ROUND WIRE PIN L.P.

English

#### ROUND WIRE PIN L.P.

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86561-6\\_D.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86561-6\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_86561-6\\_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

### Product Environmental Compliance

[MD\\_86561-6\\_04112018959\\_dmtec](#)

English

[MD\\_86561-6\\_04112018959\\_dmtec](#)

English

### Instruction Sheets

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

English

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

English

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

English