



TE Internal #: 1-86561-0

Pin Contact, Tin, Discrete Wire, 26 – 22 AWG Wire Size, .12 – .4 mm² Wire Size, Insulation Displacement (IDC), Phosphor Bronze, Signal

[View on TE.com >](#)

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



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Wire Size: **.12 – .4 mm²**

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

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

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

Termination Features

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

Dimensions

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



Wire Size	.12 – .4 mm²
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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	Loose Piece
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Product Compliance

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

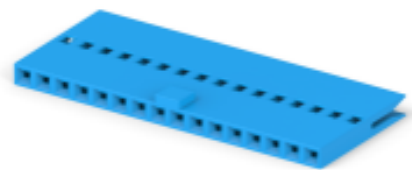
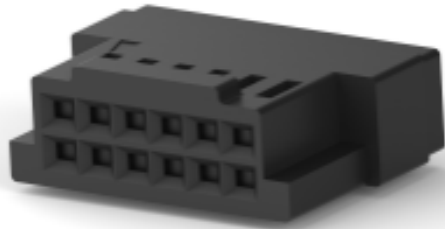
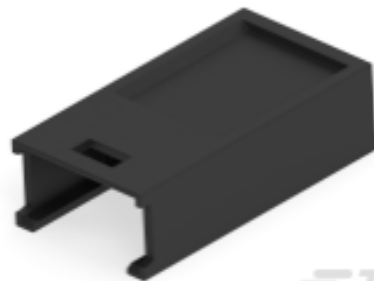
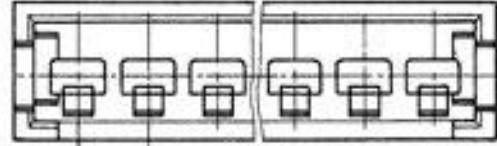
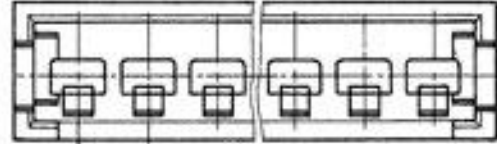
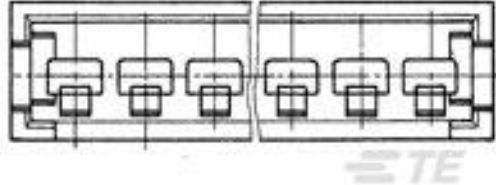
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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-S01339254 2.54mm FFC Connectors Socket Contacts	 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 # 1-485893-0 012 HOUSING FFC PIN 100CL SR	 TE Part # 1-88189-0 026 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 #6609065-2
3EDP=F7688 S0

TE Part #552082-1
180 DEG COVER KIT 64 POS

TE Part #280390-2
2X8P MODU II SHRD HDR,RT ANG, 0.38AU

TE Part #280380-1
8P AMPMODU II SHRD HDR, RT ANG, TIN

TE Part #T2020011015-000
DDM-1.5

TE Part #182206-2
MOD 2 TERMINAL

TE Part #7-6474640-4
FSN-22.5A

TE Part #1-2176516-5
CJH 2000W 150R 5% Lead

TE Part #293231-2
MULTI BARB SIAMEZE TERMINAL
STD RANGE

Documents

Product Drawings

FFC,PIN CONTACT,LP,ROUND WIRE,

English

FFC,PIN CONTACT,LP,ROUND WIRE,

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-86561-0_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-86561-0_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-86561-0_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