



TE Internal #: 487923-1
FFC Contacts, .05 in [1.27 mm] Centerline, FFC, Pin, Tin-Lead, Reel,
Solder Tab, 1.5 A, -67 – 221 °F [-55 – 105 °C]
[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FFC Contacts >
FFC Connector Pin Contacts, 1.27 mm



Centerline (Pitch): 1.27 mm [.05 in]
Compatible With Wire & Cable Type: FFC
Contact Type: Pin
Contact Mating Area Plating Material: Tin-Lead
Packaging Method: Reel

[All FFC Connector Pin Contacts, 1.27 mm \(8\)](#)

Features

Product Type Features

Connector & Contact Terminates To	Wire & Cable
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Configuration Features

Compatible With Wire & Cable Type	FFC
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Contact Features

Contact Mating Area Plating Material Thickness	2.54 µm
Contact Mating Area Plating Material Finish	Bright
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)	1.5 A

Termination Features



Termination Method to Wire & Cable	Solder Tab
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Housing Features

Centerline (Pitch)	1.27 mm[.05 in]
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Dimensions

Accepts Conductor Width	.66 mm
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Reel
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	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) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: 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.
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 # 2394880-3
FFC BASE MACHINE MARK II, ENGLISH

Customers Also Bought

TE Part #4-641215-4
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment

TE Part #640457-4
04P MTA100 HDR ASSY SQ R/A F/L

TE Part #2-487406-3
FFC,RCPT CONTACT,STD PRESSURE

TE Part #487526-5
006 HOUSING FFC RCPT 100CL SR

TE Part #2-1761603-6
IDC LOW PRO HDR 16P VERT BLUE

TE Part #5103309-6
A/L LOW PRO HDR 26P VERT BLACK

TE Part #1761608-6
IDC LOW PRO HDR 16P VERT SHT LAT BLK

TE Part #A57045-000
WP-165051-25-9

TE Part #980892-000
1330-3300-10

Documents

Product Drawings
FFC SDR TAB 100 FULL SN-PB
English



CAD Files

Customer View Model

[ENG_CVM_CVM_487923-1_S.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_487923-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487923-1_S.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