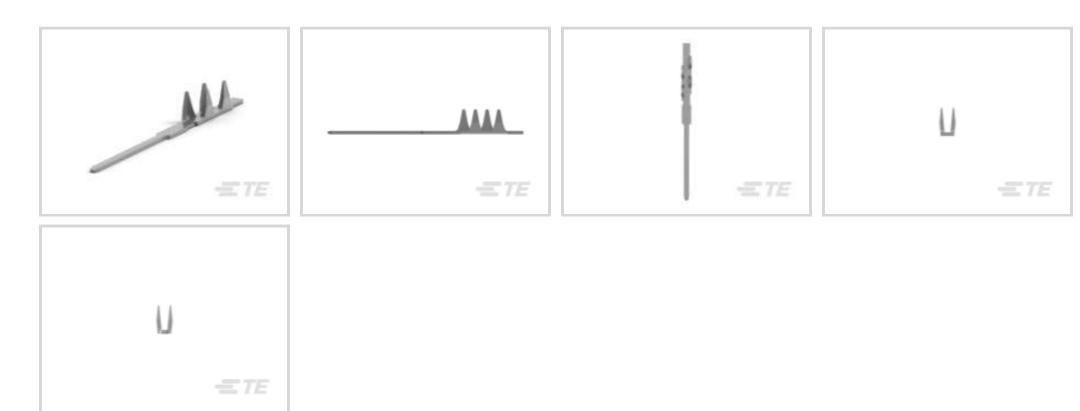# 487923-1 ✓ ACTIVE

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

Configuration Features

Compatible With Wire & Cable Type	FFC

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

Housing Features

Centerline (Pitch)	1.27 mm[.05 in]

Dimensions

Accepts Conductor Width	.66 mm

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Reel

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: JAN 2023 (233) 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

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 #487378-1
2.54mm FFC Connectors Receptacle Housing

TE Part #2-487406-3
2.54mm FFC Connectors Socket Contacts

TE Part #1-487547-1
FFC,RCPT CONTACT,.050" CNTRLIN

TE Part #1-88997-3
FC S,TAB 15AU RL

TE Part #2600022-3
2CCT GREY RECEP W/LARGE SEAL

TE Part #1062-14-0122
SOC, SF, SIZE 16, 14-18, NI/SN

TE Part #1513164-1
MOLDED STAMPED ANTENNA

TE Part #2205094-1
FSN-72.5A-3

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](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