

487925-1 ✓ ACTIVE

ZIF-LINE | ZIF LINE

TE Internal #: 487925-1

FFC Connectors, Connector Assembly, Wire-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, 1 Row, Vertical, Socket, Tube, Mating Retention, ZIF LINE

[View on TE.com >](#)



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



FFC Connector Product Type: **Connector Assembly**

Connector System: **Wire-to-Board**

Number of Positions: **8**

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

Number of Rows: **1**

Features

Product Type Features

Connector & Housing Type	Receptacle
FFC Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Insertion Force Type	Zero Insertion Force (ZIF)

Configuration Features

Number of Positions	8
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Insulation Resistance	500 MΩ
Operating Voltage	150 VAC

Body Features

Primary Product Color	Black
-----------------------	-------

Contact Features

Contact Mating Area Plating Material Thickness	3.81 μm
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze



Contact Type	Socket
--------------	--------

Contact Current Rating (Max)	1 A
------------------------------	-----

Termination Features

Termination Post & Tail Length	3.94 mm[.155 in]
--------------------------------	------------------

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Mechanical Attachment

PCB Mount Retention	Without
---------------------	---------

Mating Retention Type	Latch
-----------------------	-------

Mating Retention	With
------------------	------

Mating Alignment	Without
------------------	---------

Panel Mount Feature	Without
---------------------	---------

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Housing Material	Thermoplastic
------------------	---------------

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

FFC Cable Entry	Vertical
-----------------	----------

Dimensions

PCB Thickness (Recommended)	2.36 mm[.093 in]
-----------------------------	------------------

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	19
--------------------	----

Packaging Method	Tube
------------------	------

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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

Not Low Halogen - contains Br or Cl > 900
ppm.

Solder Process Capability

Wave solder capable to 265°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



Also in the Series | ZIF LINE



Customers Also Bought



Documents

Product Drawings

8 ZIF LINE ASSY .100C/L

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_487925-1_G4.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487925-1_G4.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_487925-1_G4.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

English

ZIF 50 Flat Flexible Discrete Wire Connectors

English

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English