

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

Contact Mating Area Plating Material Thickness

Contact Mating Area Plating Material

Contact Base Material

Connector System: Wire-to-Board

Number of Positions: 8

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

Number of Rows: 1

Features

Product Type 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	

3.81 µm

Phosphor Bronze

Tin



Contact Current Rating (Max) Termination Features Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment PCB Mount Retention Mating Retention Type Latch Mating Retention Mithout Mating Ratention Mithout Panel Mount Feature Connector Mounting Type Board Mount Housing Features Housing Material Centerline (Pitch) PFC Cable Entry Dimensions PCB Thickness (Recommended) Usage Conditions Operation/Application Circuit Application Circuit Application Industry Standards UL Planmability Rating Packading Features 1. A	Contact Type	Socket
Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment PCB Mount Retention Mating Retention Type Latch Mating Alignment Without Panel Mount Feature Connector Mounting Type Board Mount Housing Features Housing Material Centerline (Pitch) PFC Cable Entry Dimensions PCB Thickness (Recommended) Usage Conditions Operation/Application Circuit Application Circuit Application Industry Standards UL Flammability Rating Without Agendary Without Without Without Without Dimensions Thermoplastic 2.54 mm[.1 in.] FFC Cable Entry Vertical Dimensions Operation Signal Industry Standards UL 91V-0	Contact Current Rating (Max)	1 A
Termination Method to Printed Circuit Board Mechanical Attachment PCB Mount Retention Mating Retention Type I atch Mating Alignment Without Panel Mount Feature Connector Mounting Type Housing Features Housing Material Centerline (Pitch) FFC Cable Entry Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating Without Without Without Without Diatch Diatch Diatch Thermoplastic 2.54 mm[.1 in] Vertical UL 94V-0	Termination Features	
Mechanical Attachment PCB Mount Retention Mating Retention Type Latch Mating Retention Mithout Mating Alignment Without Panel Mount Feature Without Connector Mounting Type Board Mount Housing Features Housing Material Centerline (Pitch) 2.54 mml.1 in] FFC Cable Entry Vertical Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating Without Without Without Vertical Dividence Signal Industry Standards UL P4V 0	Termination Post & Tail Length	3.94 mm[.155 in]
PCB Mount Retention Mating Retention Type Latch Mating Retention With Mating Alignment Without Panel Mount Feature Without Connector Mounting Type Board Mount Housing Features Housing Material Centerline (Pitch) 12.54 mm[.1 in] FFC Cable Entry Vertical Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating Without Without Without Without Vertical Diana Mount Without Vertical 2.54 mm[.093 in] Signal Industry Standards UL Flammability Rating	Termination Method to Printed Circuit Board	Through Hole - Solder
Mating Retention Type Mating Retention With Mating Alignment Without Panel Mount Feature Without Connector Mounting Type Board Mount Housing Features Housing Material Centerline (Pitch) 2.54 mm[.1 in] FFC Cable Entry Vertical Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operating Temperature Range Signal Industry Standards UL Flammability Rating Usithout Without Without Without Without Vertical Day And Mount Housing Features Vertical Signal Latch Without Without Signal Latch Without Without Signal Latch Without Signal Latch Without Without Panel Mount Feature Without Signal Latch Without Signal Latch Without Panel Mount Feature Without Signal Latch Mithout Without Panel Mount Feature Without Signal Latch Mithout Without Panel Mount Feature Without Signal Latch Latch Without Panel Mount Feature Without Panel Mount Feature Without Signal Latch Latch Without Panel Mount Feature Panel Mount Featu	Mechanical Attachment	
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 Industry Standards UL Plammability Rating UL 94V-0	PCB Mount Retention	Without
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 Industry Standards UL Plammability Rating Without Without Without Without Without Without Without Without Application Signal UL 94V-0	Mating Retention Type	Latch
Panel Mount Feature Connector Mounting Type Board Mount Housing Features Housing Material Centerline (Pitch) FFC Cable Entry Vertical Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Circuit Application Circuit Application Industry Standards UL Flammability Rating Without Board Mount Without Board Mount Without Board Mount Thermoplastic 2.54 mm[.1 in] Vertical 2.54 mm[.1 in] Vertical Vertical Signal UL 94V-0	Mating Retention	With
Connector Mounting Type Housing Features Housing Material Centerline (Pitch) FFC Cable Entry Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Circuit Application Circuit Application Industry Standards UL Flammability Rating Thermoplastic 2.54 mm[.1 in] Vertical 2.54 mm[.093 in] Vertical Signal UL 94V-0	Mating Alignment	Without
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	Panel Mount Feature	Without
Housing Material Centerline (Pitch) FFC Cable Entry Vertical Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operation/Application Circuit Application Industry Standards UL Flammability Rating Thermoplastic 2.54 mm[.1 in] Vertical Vertical Vertical Vertical Operation 2.36 mm[.093 in] Signal	Connector Mounting Type	Board Mount
Centerline (Pitch) FFC Cable Entry Vertical Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating 2.54 mm[.1 in] Vertical 2.54 mm[.1 in] Vertical Vertical Signal UL 94V-0	Housing Features	
FFC Cable Entry Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating Vertical Vertical Vertical Vertical Vertical Vertical Vertical Signal 2.36 mm[.093 in] 2.36 mm[.093 in] Signal Usage Conditions Signal UL 94V-0	Housing Material	Thermoplastic
Dimensions PCB Thickness (Recommended) Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Centerline (Pitch)	2.54 mm[.1 in]
PCB Thickness (Recommended) Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	FFC Cable Entry	Vertical
Usage Conditions Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Dimensions	
Operating Temperature Range -55 – 105 °C[-67 – 221 °F] Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	PCB Thickness (Recommended)	2.36 mm[.093 in]
Operation/Application Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Usage Conditions	
Circuit Application Signal Industry Standards UL Flammability Rating UL 94V-0	Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Industry Standards UL Flammability Rating UL 94V-0	Operation/Application	
UL Flammability Rating UL 94V-0	Circuit Application	Signal
	Industry Standards	
Packaging Features	UL Flammability Rating	UL 94V-0
	Packaging Features	
Packaging Quantity 19	Packaging Quantity	19
Packaging Method Tube	Packaging Method	Tube
Product Compliance	Product Compliance	
For compliance documentation, visit the product page on TE.com>	For compliance documentation, visit the product page on TE.com>	

Compliant

EU RoHS Directive 2011/65/EU



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: JAN 2023 (233) 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

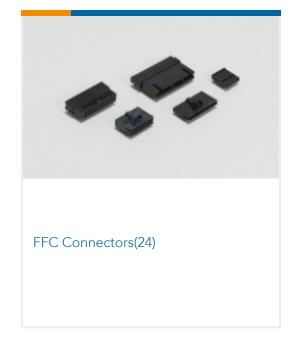
Product Compliance Disclaimer

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





TE Part #5747150-7
09 RCPT SP/FMS INSRT



TE Part #640457-6 06P MTA100 HDR ASSY SQ R/A F/L



TE Part #5-146254-3 06 MODII HDR DRST B/A .100CL

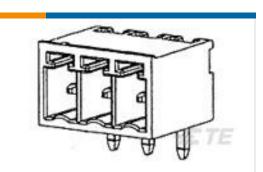




TE Part #34148
PG R 22-16 COMM 22-18 MIL 8



TE Part #969587-2 MOD2 STIFTLEIS2X5P



TE Part #284513-8 8 POS TERMI-BLOK HDR 900 POL.





TE Part #58247-2 MTA 156 CRIMP HEAD PRODUCTION DISCRETE

TE Part #1395893-1 13938 SEAL, 35MM X 47MM X 7

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

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



Application Specification

English

ZIF 50 Flat Flexible Discrete Wire Connectors

English

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English