



# FFC CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

## TE CONNECTIVITY (TE) 8 ZIF LINE 50 ASSY ZIF-LINE | ZIF LINE

4-487576-9  
TE Internal Number: 4-487576-9

Converted to EU RoHS/ELV Compliant

Connector Type **Connector Assembly**

Connector Style **Receptacle**

Centerline **1.27 mm [ .05 in ]**

Number of Positions **8**

Number of Rows **2**

### Product Drawings

[CONNECTOR ASSEMBLY, ZIF-LINE 50](#)  
PDF (TIFF AVAILABLE)  
English

[CONNECTOR ASSEMBLY, ZIF-LINE 50](#)  
PDF (TIFF AVAILABLE)  
English

### CAD Files

[Customer View Model](#)  
2D\_DXF.ZIP  
English

[3D PDF](#)  
PDF  
3D

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION3AND4](#)  
PDF  
English

### Product Specifications

#### Application Specification

[APPLICATION SPECIFICATION ZIF-LINE \(ZERO INSERTION FORCE\) FLEXIBLE FILM TO PC BOARD CONNECTORS](#)  
PDF  
English

[ZIF 50 Flat Flexible Discrete Wire Connectors](#)  
PDF  
English

[ZIF 50 Flat Flexible Discrete Wire Connectors](#)  
TIF  
English

[ZIF-Line \(Zero Insertion Force\) Flexible Film To PC Board Connectors](#)

## ZIF-Line (Zero Insertion Force) Flexible Film To PC Board Connectors

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	Connector Type	<b>Connector Assembly</b>
	Connector Style	<b>Receptacle</b>
	Row-to-Row Spacing (mm)	<b>2.54</b>
	PCB Mounting Orientation	<b>Vertical</b>
	Applies To	<b>Printed Circuit Board</b>
	Insertion Force	<b>ZIF</b>
	Type of Connector	<b>ZIF-Line</b>
	Product Type	<b>Connector</b>
	Connector System	<b>Wire-to-Board</b>
	Wire/Cable Type	<b>FFC</b>

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Configuration Features	Number of Positions	<b>8</b>
	Number of Rows	<b>2</b>

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Electrical Characteristics	Voltage	<b>150 VAC</b>
	Insulation Resistance (MΩ)	<b>5000</b>
	Dielectric Withstanding Voltage (VAC)	<b>500</b>

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Body Features	Cable Entry	<b>Vertical</b>
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Contact Features	Contact Type	<b>Socket</b>
	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Base Material	<b>Phosphor Bronze</b>
	Contact Mating Area Plating Thickness (μm)	<b>3.81</b>

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Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Post Length	<b>3.94 mm [ .155 in ]</b>
	Contact Termination Type	<b>Through Hole</b>

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Mechanical Attachment	Mating Connector Lock	<b>With</b>
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Mating Alignment	<b>With</b>
Panel Mount Retention	<b>Without</b>
Mating Retention	<b>With</b>
Mating Alignment Type	<b>Polarization</b>
Mating Connector Lock Type	<b>Latch</b>
PCB Mount Alignment	<b>Without</b>
PCB Mount Retention	<b>Without</b>

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Housing Features	Centerline	<b>1.27 mm [ .05 in ]</b>
	Housing Color	<b>Black</b>
	Housing Material	<b>Thermoplastic</b>

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Dimensions	Tail Length (mm)	<b>3.937</b>
	PCB Thickness (Recommended) (mm)	<b>1.57</b>

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Usage Conditions	Operating Temperature Range (°C)	<b>-55 – 105</b>
	Flame Retardant	<b>Yes</b>

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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Tube</b>
	Packaging Quantity	<b>31</b>

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Product Compliance [Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)