



FPC CONNECTORS



✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

FPC CONN. 0.5MM PITCH T/C,12P

FPC | FPC

1-1734839-2

TE Internal Number: 1-1734839-2

Always EU RoHS/ELV Compliant

Centerline **.5 mm [.0197 in]**

Number of Positions **12**

Insertion Force **ZIF**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Surface Mount**

Product Drawings

[FPC CONNECTOR, 0.5mm PITCH, TOP CONTACT, SMT TYPE.](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[5-1773461-0_Standard_FPC_Connector_Quick_Reference_Guide](#)

PDF
English

[FPC Connector Family](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-1734839-2_0908201556_dmtec](#)

PDF
English

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

PCB Mounting Orientation	Right Angle
Actuator Type	Stuffer
Shrouded	Yes
Applies To	Flexible Printed Circuit (FPC), Printed Circuit Board
Product Type	Connector
Connector System	Flex-to-Board
Connector Type	Connector Assembly
Sealed	No
Wire/Cable Type	FPC/FFC
Shielded	No
Series	FPC
Connector Style	Receptacle

Configuration Features	Number of Positions	12
	Number of Rows	1
	Tail Orientation	Inline

Electrical Characteristics	Operating Voltage (VAC)	250
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Contact Features	Contact Mating Location	Top
	Contact Termination Area Plating Thickness	.025 μm [.984 μin]
	Contact Current Rating (Max) (A)	.5
	Contact Mating Area Plating Thickness	.025 μm [.984 μin]
	Contact Transmits (Typical)	Signal (Data)
	Contact Mating Area Plating Material	Gold
	Contact Base Material	Phosphor Bronze
	Contact Type	Socket
	Contact Design	Single Beam
	Contact Termination Area Plating Material	Gold

Termination Features	Termination Method to PC Board	Surface Mount
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Mechanical Attachment	PCB Mount Alignment	Without
	PCB Mount Retention	With
	Mating Alignment	With
	PCB Mount Retention Type	Solder Pads

Housing Features	Centerline	.5 mm [.0197 in]
	Housing Color	Natural
	Housing Material	LCP (Liquid Crystal Polymer)

Dimensions	Height	2.05 mm [.08 in]
	Width	5.1 mm [.2 in]
	Flex Cable Thickness	.3 mm [.012 in]
	Length	11.43 mm [.4499 in]

Usage Conditions	Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
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Identification Marking	Circuit Identification Feature	Without
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Packaging Features	Packaging Method	Tape & Reel
	Packaging Quantity	2000

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)