



**Part Number :** [15389052](#)

**Product Description :** SL FFC/FPC Connector - Single Row Male Version D, 5 Circuits

**Series Number :** 70431

**Status :** Active

**Product Category :** FFC / FPC Connectors

**Engineering Number :** 70431-0074



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## Documents & Resources

### Drawings

[015389052\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


### Specifications

[PS-70430-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### [Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	FFC / FPC Connectors
Series	70431
Description	SL FFC/FPC Connector - Single Row Male Version D, 5 Circuits
Comments	Male
Product Name	SL
UPC	800753774513

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	250V

### Physical

Actuator Type	N/A
Circuits (Loaded)	5
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	25

Flammability	94V-0
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester Alloy
Net Weight	0.783/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Mounting	N/A
PCB Retention	None
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FFC/FPC

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## Application Tooling

### Global

Description	Part Number
Tool Kit for Standard Manual Press FFC	<u><a href="#">622007400</a></u>
Standard Manual Press for FFC	<u><a href="#">622007800</a></u>
FFC 2 thru 20 Circuit Termination Kit for use in the Molex TM-3000 or TM-4000 press installed into the TM-42 Replacement Crimp Module	<u><a href="#">638018550</a></u>