



Part Number : [15389042](#)

Product Description : SL FFC/FPC Connector - Single Row Male Version D, 4 Circuits

Series Number : 70431

Status : Active

Product Category : FFC / FPC Connectors

Engineering Number : 70431-0073



Documents & Resources

Drawings

[015389042_sd.pdf](#)

3D Models and Design Files


[015389042_stp.zip](#)

Specifications

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	FFC / FPC Connectors
Series	70431
Description	SL FFC/FPC Connector - Single Row Male Version D, 4 Circuits
Comments	Male
Product Name	SL
UPC	800753774490

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Actuator Type	N/A
Circuits (Loaded)	4
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	0.626/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

Application Tooling

Global

Description	Part Number
Tool Kit for Standard Manual Press FFC	<u>622007400</u>
Standard Manual Press for FFC	<u>622007800</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>638018550</u>