Part Number : 15389182
Product Description : SL FFC/FPC Connector - Single Row Male Version D, 18 Circuits
Series Number : 70431
Status : Active
Product Category : FFC / FPC Connectors
Engineering Part Number : 70431-0087



Documents and Resources

Drawings

015389182_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-70430-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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

Part Details

General

Status	Active
Category	FFC / FPC Connectors
Series	70431
Description	SL FFC/FPC Connector - Single Row Male Version D, 18 Circuits
Comments	Male
Product Name	SL
UPC	800754591751

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Actuator Type	N/A
Circuits (Loaded)	18
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	25

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Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.819/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tube
PCB Locator	No
PCB Mounting	N/A
PCB Retention	No
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
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	638018550

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