



Part Number : 15388100

Series Number : 70430

Product Category : FFC / FPC Connectors

Product Description : SL Single Row, Female, Version G Receptacle, 10 Circuits

Status : Active

Engineering Number : 70430-0149

Documents & Resources

Drawings

Drawing 015388100_sd.pdf

Packaging Design Drawing PK-70873-0001-001.pdf

3D Models and Design Files

3D Model 015388100_stp.zip

Specifications

Product Specification PS-70430-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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

Part Details

General

Status	Active
Category	FFC / FPC Connectors
Series	70430
Description	SL Single Row, Female, Version G Receptacle, 10 Circuits
Product Family	SL Modular Connectors
Product Name	SL
UPC	800753618442

Agency

CSA	LR19880
UL	E29179

Electrical

Current - Maximum per Contact	1.0A, 2.0A
Voltage - Maximum	250V

Physical

Actuator Type	N/A
Circuits (Loaded)	10
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	1.541/g
Number of Rows	1

Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.30mm
PCB Mounting	N/A
PCB Retention	None
PCB Thickness - Recommended	1.60mm, 2.40mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	1.905µm
Polarized to PCB	N/A
Stackable	Yes
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FFC/FPC

Mates With / Use With

Mates with Part(s)

Description	Part Number
SL Single Row Housing Panel Mounts	<u>70018</u>
SL Single Row Crimp Housings	<u>70107</u>
SL Vertical Single Row Headers	<u>70541</u>
SL Vertical Single Row Headers	<u>70543</u>
SL Vertical Single Row Headers	<u>70545</u>
SL Right-Angle Single Row Headers	<u>70551</u>
SL Right-Angle, Single Row, Low Profile Headers	<u>70553</u>
SL Right-Angle Single Row Headers	<u>70555</u>
SL Right-Angle, Single Row, Low Profile, Surface Mount Headers	<u>70634</u>
SL Vertical, Single Row, Surface Mount Headers	<u>74099</u>

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>

This document was generated on Aug 13, 2024