Part Number : 50579006
Product Description : SL Crimp Housing, Single Row, Version A, Non-polarized, 6 Circuits, Black
Series Number : 70066
Status : Active
Product Category : Connector Housings
Engineering Number : 70066-0005



Documents & Resources

Drawings

050579006_sd.pdf

PK-70066-100-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-70058-001.pdf

PS-70400-001.pdf

PS-71851-001.pdf

TS-70058-001-001.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)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

Part Details

General

Status	Active
Category	Connector Housings
Series	70066
Description	SL Crimp Housing, Single Row, Version A, Non-polarized, 6 Circuits, Black
Application	Signal, Wire-to-Board
Comments	Version A
Product Name	SL
UPC	800753578197

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle

Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Resin	Polyester Alloy
Net Weight	0.280/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	2.54mm
Stackable	Yes
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
KK 254 Vertical Breakaway Headers with Friction Lock	42375
KK 254 Right-Angle Surface Mount Compatible Breakaway Headers	42377
C-Grid Vertical Dual Row Breakaway Headers	70280
C-Grid Vertical Dual Row Breakaway Headers with Retention Pin	70287
SL Vertical Single Row Headers	70543
SL Right-Angle, Single Row, Low Profile Headers	70553
C-Grid Vertical, Dual Row, Surface Mount Breakaway Headers	71308

Use with Part(s)

Description	Part Number

SL Female Terminals	70058
SL Female Terminals	71851