

Part Number : 740991006
Product Description : SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 6 Circuits, 0.38µm Gold (Au) Selective Plating
Series Number : 74099
Status : Active
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

740991006_sd.pdf

PK-70873-003-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-70400-001.pdf

PS-70541-001.pdf

TS-70541-100-001.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

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- 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	PCB Headers and Receptacles
Series	74099
Description	SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 6 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Wire-to-Board
Component Type	PCB Header
Product Name	SL
UPC	800756630212

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Physical

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Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Capable	No
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.205/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tube
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.910µm
Polarized to Mating Part	Yes
Shrouded	Shrouded
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	REFLOW
Max-Cycle	3
Max-Temp	245

Mates With / Use With

Mates with Part(s)

Description	Part Number
SL Single Row Crimp Housings	70066

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and CPA Retainers	
SL Single Row Female Insulation Displacement Connector Assemblies	70400
SL Single Row Female Receptacles	70430

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