



Part Number : [740991005](#)

Product Description : SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 5 Circuits, 0.38µm Gold (Au) Selective Plating

Series Number : 74099

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[740991005 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)4165-DC (25 June 2025)

EU RoHS	Compliant per EU 2015/863
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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	PCB Headers and Receptacles
Series	74099
Description	SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 5 Circuits, 0.38µm Gold (Au) Selective Plating
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	SL
UPC	800756630205

Agency

CSA	LR19980
UL	E29179

Electrical

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

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.028/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	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
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 and CPA Retainers	<u>70066</u>
SL Single Row Female Insulation Displacement Connector Assemblies	<u>70400</u>
SL Single Row Female Receptacles	<u>70430</u>

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