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Part Number: [0740990006](#)
Status: **Active**
Overview: [SL™ Modular Connectors](#)
Description: SL™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 6 Circuits, Tin (Sn) Plating

Documents:

3D Model	Product Specification PS-70541-001 (PDF)
Drawing (PDF)	Product Specification TS-70541-100-001 (PDF)
Product Specification PS-70400-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	74099
Application	Signal, Wire-to-Board
Overview	SL™ Modular Connectors
Product Name	SL™
UPC	756054866580

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.209/g
Number of Rows	1
Orientation	Vertical
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Shrouded	Fully
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	245



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[74099](#) Series

Mates With

SL™ Crimp Housing [70066](#) Option N, [70066](#)
Option G, [70430](#) Option G, [70400](#) Option G

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-70400-001, PS-70541-001, TS-70541-100-001
SD-74099-001

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