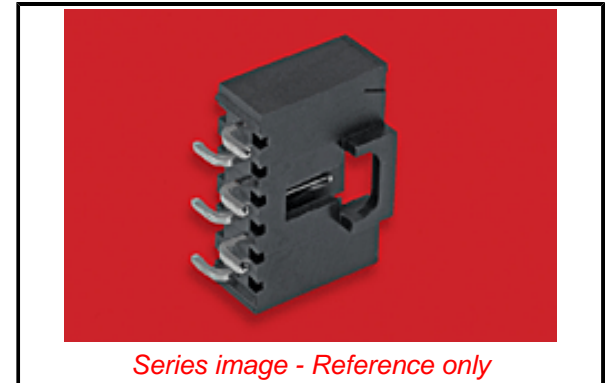


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0740991008**
Status: **Active**
Overview: SL™ Modular Connectors
Description: SL™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 8 Circuits, 0.38µm Gold (Au) Selective Plating

Documents:

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



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	<u>74099</u>
Application	Signal, Wire-to-Board
Overview	<u>SL™ Modular Connectors</u>
Product Name	SL™
UPC	756054578049

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.555/g
Number of Rows	1
Orientation	Vertical
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
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-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	003

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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

Process Temperature max. C

245

Material Info

Reference - Drawing Numbers

Product Specification

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

Sales Drawing

SD-74099-001

This document was generated on 08/23/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION