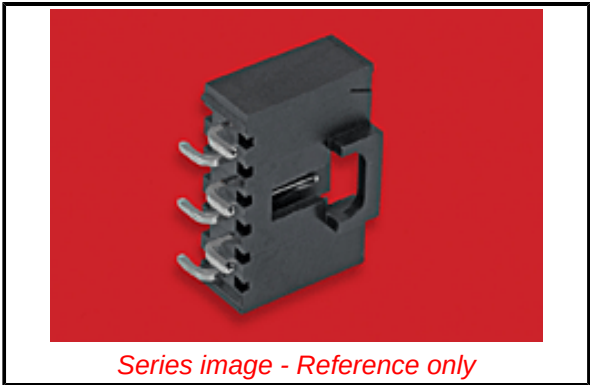


PLEASE CHECK [WWW.MOLEX.COM](http://www.molex.com) FOR LATEST PART INFORMATION

Part Number:	0740990012
Status:	Active
Overview:	SL Modular Connectors
Description:	SL Wire-to-Board Header, Surface Mount, Single Row, Vertical, 3.05mm Pocket, Shrouded, 12 Circuits, Tin (Sn) Plating
Replacement Part Number :	http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17197300121719730012 (drop-in)

Documents:	
3D Model	Product Specification PS-70541-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-003-001 (PDF)
Drawing (PDF)	Test Summary 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
Component Type	PCB Header
Overview	SL Modular Connectors
Product Name	SL
Replacement Part Number	1719730012 (drop-in)
Taxonomy	PCB Headers and Receptacles
UPC	756054440926
Physical	
Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.340/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° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	3.0A



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free Status	
Not Low-Halogen	
For more information, please visit Contact US	
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

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
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-003-001
Product Specification	PS-70400-001, PS-70541-001
Sales Drawing	SD-74099-001-001
Test Summary	TS-70541-100-001

This document was generated on 01/05/2023

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