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Part Number: [0705530009](#)
Status: **Active**
Overview: [SL Modular Connectors](#)
Description: 2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 10 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

3D Model	Packaging Specification PK-70873-0015-001 (PDF)
Drawing (PDF)	Test Summary 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

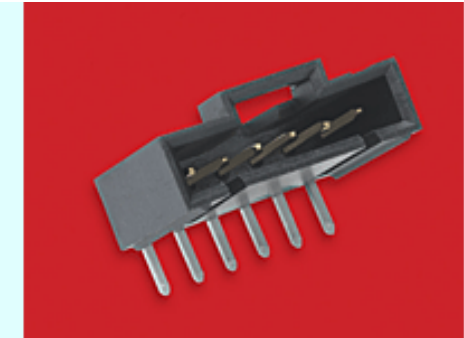
General

Product Family	PCB Headers
Series	70553
Application	Signal, Wire-to-Board
Overview	SL Modular Connectors
Product Name	SL
Taxonomy	PCB Headers and Receptacles
UPC	800754354462

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.087/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	None
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
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU 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

[70553](#) Series

Mates With

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

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-0015-001
Product Specification	PS-70400-001, PS-70541-001
Sales Drawing	SDA-70553-XXXX-001
Test Summary	TS-70541-100-001

This document was generated on 09/26/2022

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