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Part Number: 0705530002
Status: Active
Overview: SL Modular Connectors
Description: 2.54mm Pitch SL Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 3 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-70400-001 (PDF)
- Product Specification PS-70541-001 (PDF)
- Packaging Specification PK-70873-0015-001 (PDF)
- Test Summary TS-70541-100-001 (PDF)
- RoHS Certificate of Compliance (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	800753686526

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	0.722/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

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
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

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