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**Part Number:** [0705550043](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** 2.54mm Pitch SL™ Header, Single Row, Right Angle, 3.05mm Pocket, Shrouded, with Press-fit Plastic Peg, 9 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification TS-70541-100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-0015 (PDF)</a>
<a href="#">Product Specification PS-70400-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-70541-001 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

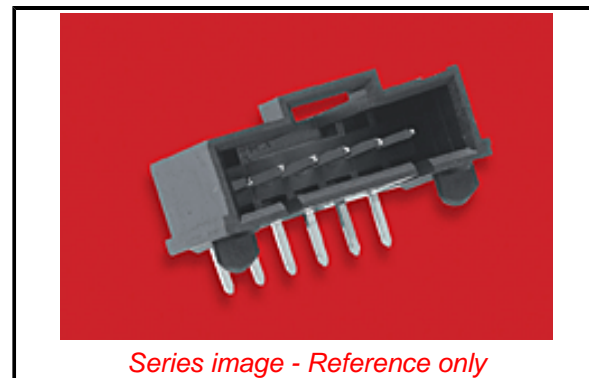
**General**

Product Family	PCB Headers
Series	<a href="#">70555</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">SL™ Modular Connectors</a>
Product Name	SL™
UPC	800753624214

**Physical**

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	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	1.998/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
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°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**



**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](mailto: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**

[70555 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)	001
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**

Engineering Number	A-70555-0043
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**Reference - Drawing Numbers**

Packaging Specification	PK-70873-0015
Product Specification	PS-70400-001, PS-70541-001, TS-70541-100-001
Sales Drawing	SDA-70555-****

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