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**Part Number:** [70555-0040](#)  
**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, 6 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

**Documents:**

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

**Agency Certification**

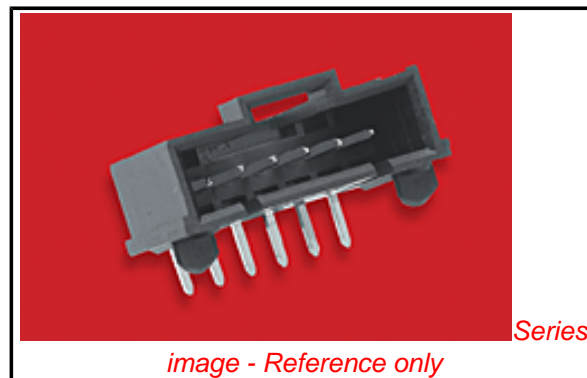
CSA	LR19980
UL	E29179

**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	800753624207

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	1.420/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



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[70555Series](#)

**Mates With**

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

**Electrical**

Current - Maximum per Contact 3A  
Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 1  
Lead-free Process Capability Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 3  
Process Temperature max. C 260

**Material Info****Reference - Drawing Numbers**

Product Specification PS-70400, PS-70541  
Sales Drawing SDA-70555-\*\*\*\*  
Test Summary TS-70541-001, TS-70541-100

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