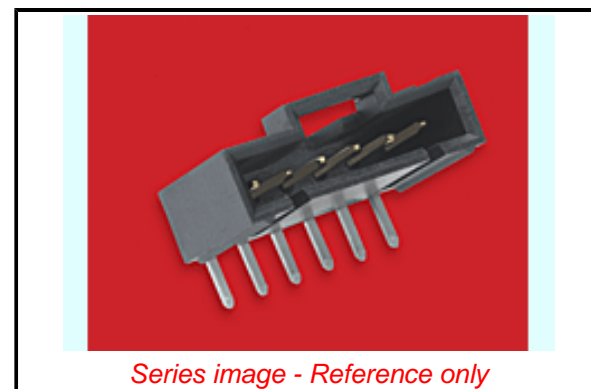


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0705530041**  
**Status:** **Active**  
**Overview:** SL™ Modular Connectors  
**Description:** 2.54mm Pitch SL™ Header, Low Profile, Single Row, Right Angle, 3.05mm Pocket, Shrouded, 7 Circuits, Tin (Sn) Plating

**Documents:**

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



Series image - Reference only

**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™
UPC	800753763937

**Physical**

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	25
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	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.509/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	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3.0A
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**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**

[70553 Series](#)

**Mates With**

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

Voltage - Maximum

250V

**Solder Process Data**

Lead-free Process Capability

WAVE

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-70873-0015

Product Specification

PS-70400-001, PS-70541-001, TS-70541-001-001,

TS-70541-100-001

Sales Drawing

SDA-70553-\*\*\*\*

This document was generated on 08/29/2017

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