

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

**Part Number:** [0705430059](#)  
**Status:** **Active**  
**Overview:** SL Modular Connectors  
**Description:** 2.54mm Pitch SL Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, 25 Circuits, Tin (Sn) Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-70541-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-70873-0014-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-70541-100-001 (PDF)</a>
<a href="#">Product Specification PS-70400-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA LR19980

**General**

Product Family	PCB Headers
Series	<a href="#">70543</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">SL Modular Connectors</a>
Product Name	SL
UPC	800755034202

**Physical**

Breakaway	No
Circuits (Loaded)	25
Circuits (maximum)	25
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
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	4.743/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[70543](#) Series

**Mates With**

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

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

3.0A  
250V

**Solder Process Data**

Lead-free Process Capability

WAVE

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

Packaging Specification  
Product Specification  
Sales Drawing  
Test Summary

PK-70873-0014-001  
PS-70400-001, PS-70541-001  
SDA-70543-XXXX-001  
TS-70541-100-001

This document was generated on 08/24/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**