

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

**Part Number:** [0705450089](#)  
**Status:** **Active**  
**Overview:** [SL™ Modular Connectors](#)  
**Description:** 2.54mm Pitch SL™ Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fit Plastic Peg, 20 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail 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-70873-0014 (PDF)</a>
<a href="#">Product Specification PS-70541-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA LR19980

**General**

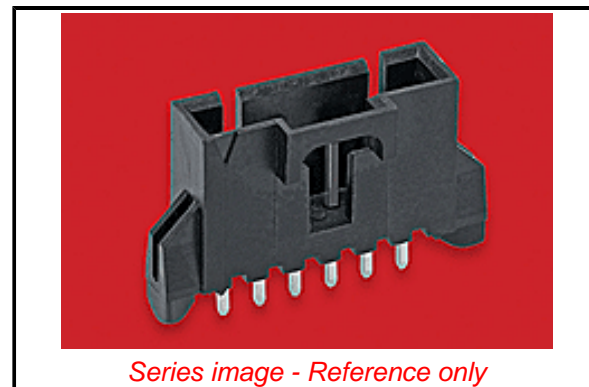
Product Family	PCB Headers
Series	<a href="#">70545</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">SL™ Modular Connectors</a>
Product Name	SL™
UPC	800753762473

**Physical**

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
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	3.853/g
Number of Rows	1
Orientation	Vertical
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	0.762µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact 3.0A



Series image - Reference only

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[70545 Series](#)

**Mates With**

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

Voltage - Maximum 250V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 003  
Lead-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 003  
Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification PK-70873-0014  
Product Specification PS-70400-001, PS-70541-001, TS-70541-001-001,  
TS-70541-100-001  
Sales Drawing SDA-70545-\*\*\*\*

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