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**Part Number:** [0705410009](#)

**Status:** **Active**

**Overview:**

**Description:** 2.54mm Pitch SL Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, with Beveled Plastic Peg, 10 Circuits, Tin (Sn) Plating

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">70541</a>
Application	Signal, Wire-to-Board
Overview	sl_connectors
Product Name	SL
Taxonomy	PCB Headers and Receptacles
UPC	800755032635

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	1.798/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	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[70541](#) Series

**Mates With**

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

Lead-freeProcess Capability

WAVE

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-70873-0014-001

Product Specification

PS-70400-001, PS-70541-001

Sales Drawing

SDA-70541-XXXX-001, SDA-70541-XXXX-002

Test Summary

TS-70541-100-001

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