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**Part Number:** [0705430108](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch SL™ Header, Single Row, Vertical, .120" Pocket, Shrouded, 4 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

**Documents:**

[3D Model](#) [Product Specification PS-70541 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-70400 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [70543](#)  
Application Signal, Wire-to-Board  
Overview [cgrid\\_sl\\_products](#)  
Product Name SL™

**Physical**

Breakaway No  
Circuits (Loaded) 4  
Color - Resin Black  
Durability (mating cycles max) 50  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Brass, Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 3.30mm (.130")  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 1.60mm (.063")  
Packaging Type Tube  
Pitch - Mating Interface 2.54mm (.100")  
Pitch - Termination Interface 2.54mm (.100")  
Plating min - Mating 0.762µm (30µ")  
Plating min - Termination 1.905µm (75µ")  
Polarized to Mating Part Yes  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

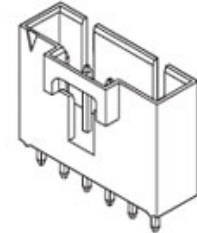


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



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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**

[70543Series](#)

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

**Solder Process Data**

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

**Material Info**

Old Part Number	A-70543-0108
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**Reference - Drawing Numbers**

Product Specification	PS-70400, PS-70541
Sales Drawing	SDA-70543-****

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