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**Part Number:** [0705430110](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch SL™ Header, Single Row, Vertical, .120" Pocket, Shrouded, 6 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

**Documents:**

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

**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) 6  
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**

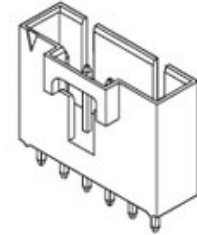


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product  
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****Reference - Drawing Numbers**

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

This document was generated on 02/24/2011

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