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**Part Number:** **0705530108**  
**Status:** **Active**  
**Overview:** C-Grid® / SL™ Products  
**Description:** 2.54mm (.100") Pitch SL™ Header, Low Profile, Single Row, Right Angle, .120" Pocket, Shrouded, 4 Circuits, 0.76µm (30µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-70400 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-70541 (PDF)</a>
<a href="#">Packaging Specification (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	<a href="#">70553</a>
Application	Wire-to-Board
Overview	<a href="#">C-Grid® / SL™ Products</a>
Product Name	SL™

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
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	Right Angle
PC Tail Length (in)	0.130 In
PC Tail Length (mm)	3.30 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.75
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

CSA	LR19980
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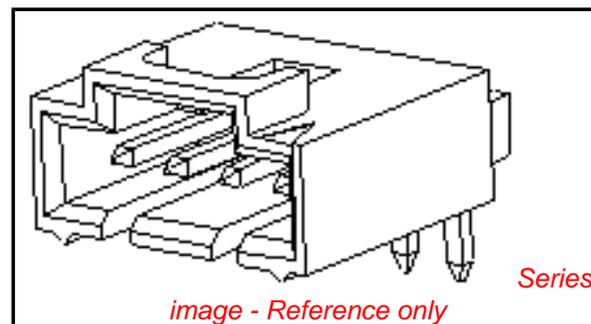


image - Reference only

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**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**

[70553Series](#)

**Mates With**

[70066n](#) , [70066g](#) , [70430g](#) , [70400g](#) Housing

Current - Maximum	3A
UL	E29179
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-70553-****

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