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Part Number: **0705430009**
Status: **Active**
Overview: C-Grid® / SL™ Products
Description: 2.54mm (.100") Pitch SL™ Header, Single Row, Vertical, .120" Pocket, Shrouded, 10 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

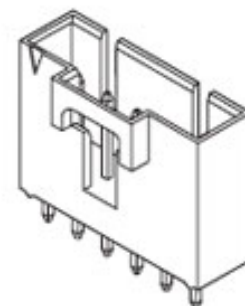
3D Model	Product Specification PS-70400 (PDF)
Packaging Specification (PDF)	Product Specification PS-70541 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	70543
Application	Wire-to-Board
Overview	C-Grid® / SL™ Products
Product Name	SL™

Physical

Breakaway	No
Circuits (Loaded)	10
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
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
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
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.375
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.875
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



Series 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
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
70543 Series

Electrical

CSA	LR19980
Current - Maximum	3A
UL	E29179
Voltage - Maximum	250V

Solder Process Data

Lead-free Process Capability	Wave Capable (TH only)
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Material Info**Reference - Drawing Numbers**

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

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