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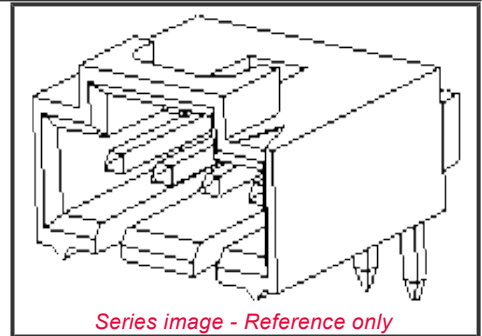**PCB Headers**
Datasheet

Part Number:
0705530036

Status:
Active

Overview:
C-Grid® / SL™ Products

Description:
2.54mm (.100") Pitch SL™ Header, Low Profile, Single Row, Right Angle, .120" Pocket, Shrouded, 2 Circuits, Tin (Sn) Plating

Series image - Reference only

Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*
Drawing (PDF)   Product Specification PS-70400 (PDF)

EU RoHS   **China RoHS**
ELV and RoHS Compliant

REACH SVHC
Not Reviewed

Halogen-Free Status
Not Halogen-Free

Need more information on product environmental compliance?

Email **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

Product Specification PS-70541 (PDF)

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Part Detail: (show all)

GeneralPhysicalElectricalAgency CertificationSolder Process DataMaterial InfoReference - Drawing Numbers

General

Product Family	PCB Headers
Series	70553
Application	Wire-to-Board
Overview	C-Grid® / SL™ Products
Product Name	SL™

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	25
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	Tin
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)	150
Plating min: Mating (µm)	3.75
Plating min: Termination (µin)	150
Plating min: Termination (µm)	3.75
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical(Please review the Product Specification for specific details.)

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

Agency Certification

CSA	LR19980
UL	E29179

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	245

Material Info

Old Part Number	A-70553-0036

Reference - Drawing Numbers

Product Specification	PS-70400, PS-70541
Sales Drawing	SDA-70553-****

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