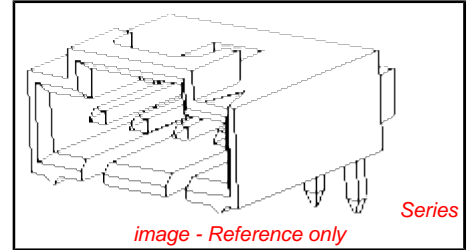


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Part Number: **0705530002**
Status: **Active**
Overview: cgrid_sl_products
Description: 2.54mm (.100") Pitch SL™ Header, Low Profile, Single Row, Right Angle, .120" Pocket, Shrouded, 3 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating



Documents:

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

Agency Certification

CSA	LR19980
UL	E29179

General


Product Family	PCB Headers
Series	70553
Application	Signal, Wire-to-Board
MolexKits	Yes
Overview	cgrid_sl_products
Product Name	SL™

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	3.30mm (.130")
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tube
Pitch - Mating Interface	2.54mm (.100")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	1.905µm (75µ")
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3A
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EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Low-Halogen	China RoHS 
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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

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

Country of Origin HK, JP, US

Reference - Drawing Numbers

Packaging Specification PK-70873-0015
Product Specification PS-70400, PS-70541
Sales Drawing SDA-70553-****

This document was generated on 11/23/2010

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