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Part Number: **0705430002**
Status: **Active**
Overview: SL™ Modular Connectors
Description: 2.54mm Pitch SL™ Header, Single Row, Vertical, 3.05mm Pocket, Shrouded, 3 Circuits, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

3D Model	Product Specification TS-70541-100-001 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-0014 (PDF)
Product Specification PS-70400-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-70541-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	<u>70543</u>
Application	Signal, Wire-to-Board
Overview	<u>SL™ Modular Connectors</u>
Product Name	SL™
UPC	800753597891

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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
Net Weight	0.654/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Plating min - Mating	0.381µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

70543 Series

Mates With

SL™ Crimp Housing 70066 Option N, 70066
Option G, 70066 Option A, 70430 Option G,
70400 Option G

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 3.0A
Voltage - Maximum 250V

Solder Process Data

Duration at Max. Process Temperature (seconds) 003
Lead-freeProcess Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 260

Material Info

Engineering Number A-70543-0002

Reference - Drawing Numbers

Packaging Specification PK-70873-0014
Product Specification PS-70400-001, PS-70541-001, TS-70541-100-001
Sales Drawing SDA-70543-****

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