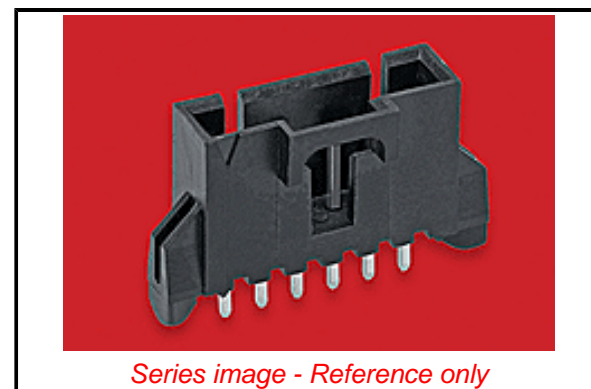


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Part Number: [0705450015](#)
Status: **Active**
Overview: [SL™ Modular Connectors](#)
Description: 2.54mm Pitch SL™ Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fit Plastic Peg, 16 Circuits, Tin (Sn) Plating

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)	



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	70545
Application	Signal, Wire-to-Board
Overview	SL™ Modular Connectors
Product Name	SL™
UPC	800753597648

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
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	Vertical
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	2.54mm
Plating min - Mating	3.810µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

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

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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	Not Reviewed
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series

[70545 Series](#)

Mates With

SL™ Crimp Housing [70066 Option N](#), [70066 Option G](#), [70066 Option A](#), [70430 Option G](#), [70400 Option G](#)

Solder Process Data

Lead-free Process Capability

WAVE

Material Info

Engineering Number

A-70545-0015

Reference - Drawing Numbers

Packaging Specification

PK-70873-0014

Product Specification

PS-70400-001, PS-70541-001, TS-70541-100-001

Sales Drawing

SDA-70545-****

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