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Part Number: [0705450050](#)
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, 0.38µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

[3D Model](#) [Packaging Specification PK-70873-0014 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

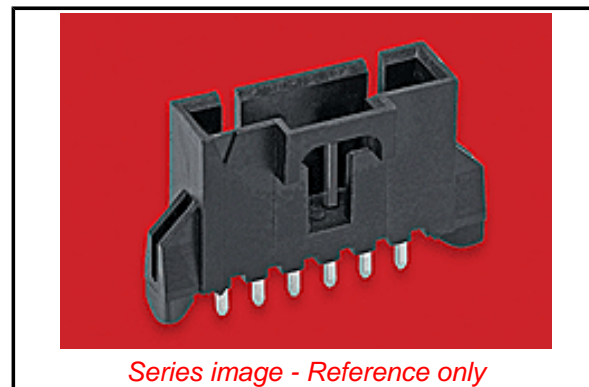
Product Family PCB Headers
 Series [70545](#)
 Application Signal, Wire-to-Board
 Overview [SL™ Modular Connectors](#)
 Product Name SL™
 UPC 800753597754

Physical

Breakaway No
 Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Black
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Compliant No
 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 3.125/g
 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 0.381µm
 Plating min - Termination 1.905µm
 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

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

ELV

China RoHS

Green Image

Not Relevant

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

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

Material Info

Old Part Number	A-70545-0050
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Reference - Drawing Numbers

Packaging Specification	PK-70873-0014
Sales Drawing	SDA-70545-****

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