

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0705450014

Status:

Active

Overview:

SL Modular Connectors

Description:

2.54mm Pitch SL Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fit Plastic Peg, 15 Circuits, Tin (Sn) Plating

Documents:

- 3D Model

Product Specification PS-70541-001 (PDF)
- Drawing (PDF)

Packaging Specification PK-70873-0014-001 (PDF)
- 3D Model (PDF)

Test Summary TS-70541-100-001 (PDF)
- Product Specification PS-70400-001 (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

Taxonomy

PCB Headers and Receptacles

UPC

800753617872

Physical

Breakaway

No

Circuits (Loaded)

15

Circuits (maximum)

15

Color - Resin

Black

Durability (mating cycles max)

25

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

Yes

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

2.958/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

3.810µm

Plating min - Termination

3.810µm

Polarized to Mating Part

Yes

Shrouded

Fully

Stackable

No

Surface Mount Compatible (SMC)

Yes

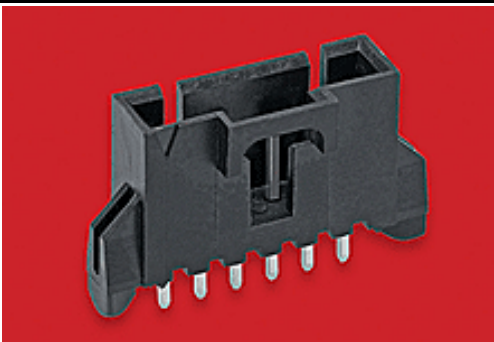
Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Through Hole

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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

|                                    |                                                               |
|------------------------------------|---------------------------------------------------------------|
| Current - Maximum per Contact      | 3.0A                                                          |
| Voltage - Maximum                  | 250V                                                          |
| <b>Solder Process Data</b>         |                                                               |
| Lead-freeProcess Capability        | WAVE                                                          |
| <b>Material Info</b>               |                                                               |
| Engineering Number                 | A-70545-0014                                                  |
| <b>Reference - Drawing Numbers</b> |                                                               |
| Packaging Specification            | PK-70873-0014-001                                             |
| Product Specification              | PS-70400-001, PS-70541-001                                    |
| Sales Drawing                      | SDA-70545-XXXX-001, SDA-70545-XXXX-002,<br>SDA-70545-XXXX-003 |
| Test Summary                       | TS-70541-100-001                                              |

This document was generated on 10/19/2022

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**