

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0705450091

Status:

Active

Overview:

SL Modular Connectors

Description:

2.54mm Pitch SL Header, Single Row 3.05mm Pocket Vertical, Shrouded, with Press-fit Plastic Peg, 22 Circuits, 0.76µm Gold (Au) Selective Plating, Tin (Sn) PC Tail Plating

Documents:

- 3D Model

Product Specification PS-70541-001 (PDF)
- 3D Model (PDF)

Packaging Specification PK-70873-0014-001 (PDF)
- Drawing (PDF)

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

General

Product Family

Series

Application

Overview

Product Name

Taxonomy

UPC

PCB Headers

70545

Signal, Wire-to-Board

SL Modular Connectors

SL

PCB Headers and Receptacles

800753762497

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

22

22

Black

50

94V-0

No

Yes

Brass, Phosphor Bronze

Gold

Tin

High Temperature Thermoplastic

4.217/g

1

Vertical

3.30mm

Yes

Yes

1.60mm

Tube

2.54mm

0.762µm

1.905µm

Yes

Fully

No

Yes

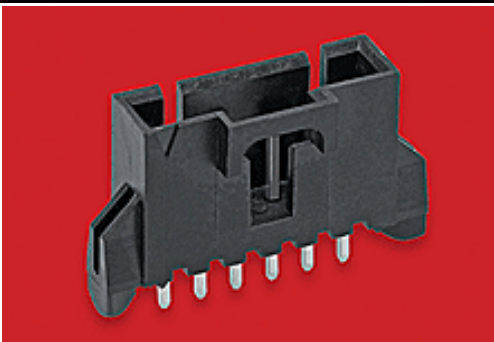
-40° to +105°C

Through Hole

Electrical

Current - Maximum per Contact

3.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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

Voltage - Maximum	250V
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-70873-0014-001
Product Specification	PS-70400-001, PS-70541-001
Sales Drawing	SDA-70545-XXXX-001, SDA-70545-XXXX-002, SDA-70545-XXXX-003
Test Summary	TS-70541-100-001

This document was generated on 10/20/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION