

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0537480504

Status:

Active

Overview:

SlimStack Board-to-Board/Board-to-FPC Connectors

Description:

0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 3.00mm Stack Height, 50 Circuits, with Vacuum Pick-up Tape

Documents:

3D Model

Product Specification PS-52991-003-001 (PDF)

3D Model (PDF)

Packaging Specification SPK-53748-001-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

PCB Headers

Series

53748

Application

Board-to-Board, Signal

Component Type

PCB Header

Overview

SlimStack Board-to-Board/Board-to-FPC Connectors

Product Name

SlimStack

Series Name

0.5, BB H3/4

Taxonomy

Board-to-Board Connectors

UPC

800754359573

Physical

Breakaway

No

Circuits (Loaded)

50

Circuits (maximum)

50

First Mate / Last Break

No

Glow-Wire Capable

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

None

Mated Height

3.00mm

Material - Metal

Brass

Material - Plating Mating

Gold

Material - Plating Termination

Gold

Net Weight

129.385/mg

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface

0.50mm

Plating min - Mating

0.102µm

Polarized to PCB

No

Robotic Placement

Vacuum Pick-Up Tape

Shrouded

Fully

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

0.5A

Voltage - Maximum

50V

Material Info

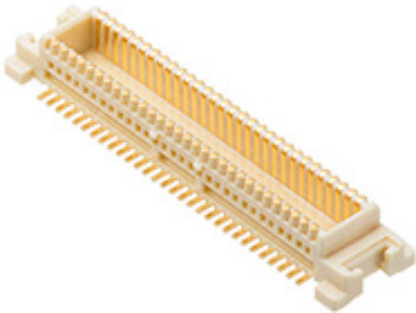
Reference - Drawing Numbers

Packaging Specification

SPK-53748-001-001

Product Specification

PS-52991-003-001



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

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

53748 Series

Mates With

SlimStack Receptacle [52991](#) , [54167](#)

This document was generated on 02/07/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION