

Part Number : 555600507

**Product Description:** 0.50mm Pitch SlimStack Plug,

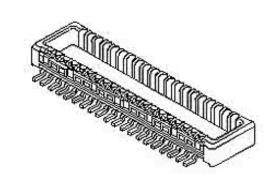
Surface Mount, Dual Row, Vertical, 1.50mm Stack

Height, 50 Circuits

Series Number: 55560

**Status**: Active

**Product Category:** Board-to-Board Connectors



#### **Documents & Resources**

### **Drawings**

555600507 sd.pdf

### **3D Models and Design Files**

STEP AP242

**SOLIDWORKS** 

Creo

Symbol and Footprint (Multi-Format)

555600507.dxf

### **Specifications**

547220000-A00.pdf

SPK-55560-001-001.pdf

PS-54722-010-001.pdf

# **Product Environment Compliance**

### Compliance

GADSL/IMDS	Compliant with Exemption 34; 33; 44
China RoHS	© per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### **Compliance Statements**

- EU RoHS
- REACH SVHC
- Low-Halogen

## **Industry Documents**

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## **Substances of Interest**

PFAS

## **EU RoHS Certificate of Compliance**

## Additional Product Compliance Information

#### **Part Details**

#### General

Status	Active
Category	Board-to-Board Connectors
Series	0.5, BB H1.5
Description	0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 50 Circuits
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Name	SlimStack
UPC	800756003719

#### **Electrical**

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

## **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	Yes
Mated Height	1.50mm
Mated Width	6.00mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	68.450/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
PC Tail Length	0.74mm
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102μm
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

# Mates With / Use With

# Mates with Part(s)

Description	Part Number
0.50mm Pitch Vertical SlimStack Receptacles	<u>54722</u>