

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0539490878**
Status: **Contact Molex**
Overview: slimstack_050mm_020_pitch
Description: 0.50mm (.020") Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 2.50mm (.098") Stack Height, with Solder Tab, Lead-free, 80 Circuits

Documents:

[3D Model](#) [Product Specification PS-54150-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	<u>53949</u>
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Lead-free, Tin
Overview	<u>slimstack_050mm_020_pitch</u>
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	2.50mm (.098")
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm (.020")
Plating min - Mating	0.254µm (10µ")
Plating min - Termination	0.102µm (4µ")
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

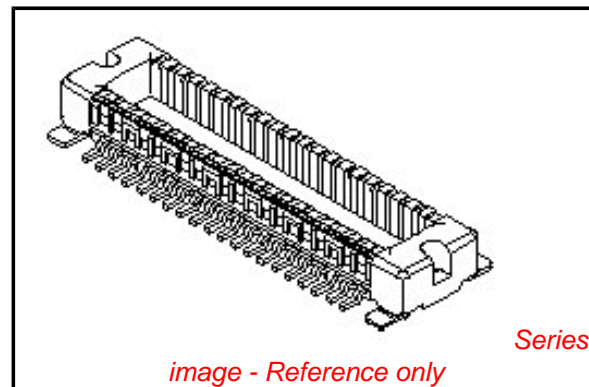
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-54150-002
Sales Drawing	SD-53949-006, SD-53949-007



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

53949Series

Mates With

54150 SlimStack™ Receptacle

This document was generated on 01/13/2011

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION