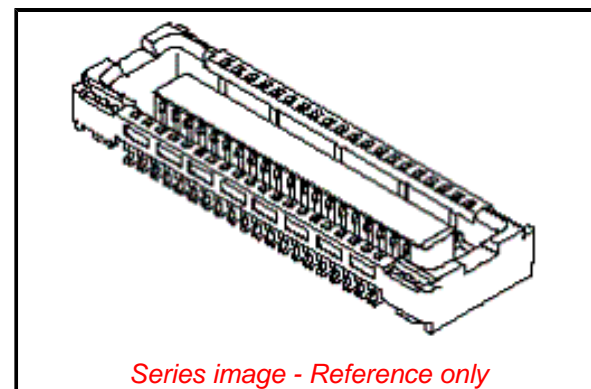


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0513384473](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch Board-to-Board SlimStack Receptacle, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, with Space Saving J-Bend Leads, 44 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-51338-002-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51338-005-001 \(PDF\)](#)



General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 51338 |
| Application | Board-to-Board, Signal |
| Comments | Solder Tab Plating: Tin (Sn) over Nickel |
| Overview | <u>SlimStack™ 0.40mm Pitch Board-to-Board Connectors</u> |
| Product Name | SlimStack |
| UPC | 884982137622 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 44 |
| Circuits (maximum) | 44 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Mated Height | 1.50mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 78.586/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.40mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V AC (RMS)/DC |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|----------------------------|
| Packaging Specification | SPK-51338-002-001 |
| Product Specification | PS-51338-005-001 |
| Sales Drawing | SD-51338-005, SD-51338-006 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[51338 Series](#)

Mates With

SlimStack Board-to-Board Plug [55909](#) ,
[501745](#)

This document was generated on 02/27/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[51338-4473](#)