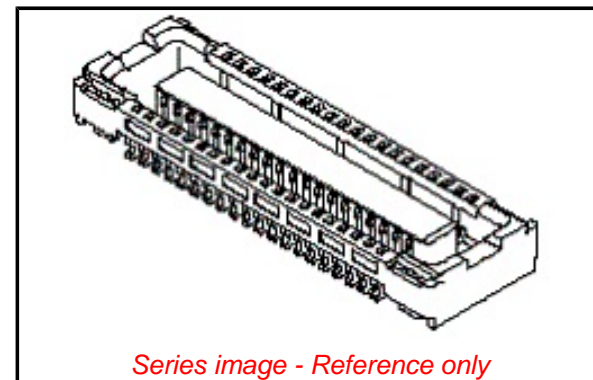


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Part Number: [0513380974](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, with Space Saving J-Bend Leads, 90 Circuits

Documents:

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



General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 51338 |
| Application | Board-to-Board, Signal |
| Comments | Solder Tab Plating: Tin (Sn) over Nickel |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| UPC | 822348865338 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 90 |
| Circuits (maximum) | 90 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Mated Height | 1.50mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 143.061/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-51338-001 |
| Product Specification | PS-51338-002, RPS-51338-013, RPS-51338-018, RPS-51338-019, RPS-51338-020, RPS-51338-022, RPS-51338-025, RPS-51338-027, RPS-51338-030, RPS-51338-031, RPS-51338-040, RPS-51338-046, RPS-55909-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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
ELV

Green Image
Not Relevant

Search Parts in this Series

[51338 Series](#)

Mates With

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

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