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Part Number: [0513381074](#)
Status: **Active**
Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 1.50mm (.059") Stacking Height, with Space Saving J-Bend Leads, 100 Circuits, Lead-free

Documents:

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

General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 51338 |
| Application | Board-to-Board |
| Comments | Solder Tab Plating: Tin (Sn) over Nickel |
| Product Name | SlimStack™ |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 100 |
| Circuits (maximum) | 100 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Mated Height (in) | 0.059 In |
| Mated Height (mm) | 1.50 mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | None |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface (in) | 0.016 In |
| Pitch - Mating Interface (mm) | 0.40 mm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

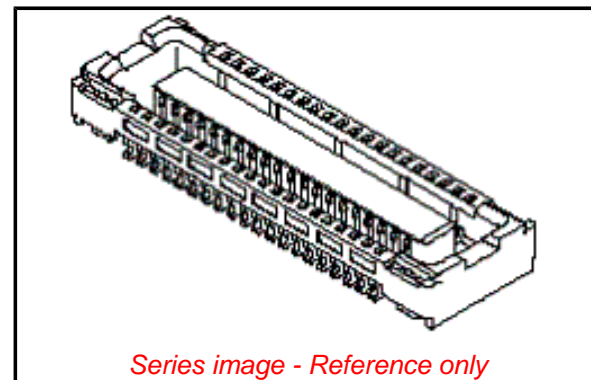
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---------------|
| Product Specification | PS-51338-002 |
| Product Specification | RPS-51338-002 |
| Product Specification | RPS-51338-007 |
| Product Specification | RPS-51338-008 |
| Product Specification | RPS-51338-012 |
| Product Specification | RPS-51338-013 |
| Product Specification | RPS-51338-015 |
| Product Specification | RPS-51338-018 |



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
 Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
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Mates With

[55909 PCB Header](#)

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RPS-51338-019
RPS-51338-020
RPS-51338-022
RPS-51338-024
RPS-51338-025
RPS-51338-027
RPS-51338-030
RPS-51338-031
SD-51338-003
SD-51338-004

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