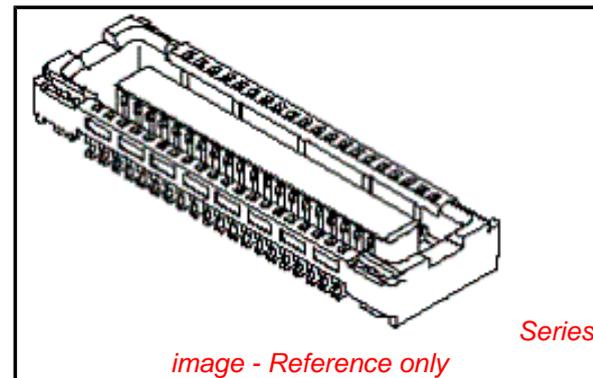# molex®
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Part Number: 51338-0374

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, 30 Circuits, Lead-Free

Documents:
3D Model
Drawing (PDF)
Product Specification PS-51338-002 (PDF)
Packaging Specification SPK-51338-001 (PDF)
RoHS Certificate of Compliance (PDF)

image - Reference only

Series

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.

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	822348296774

Physical
Circuits (Loaded)	30
Circuits (maximum)	30
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	58.891/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-51338-007, RPS-51338-008, RPS-51338-012, RPS-51338-013, RPS-51338-018, RPS-51338-019, RPS-51338-020, RPS-51338-022, RPS-51338-025, RPS-51338-026, RPS-51338-027,

Search Parts in this Series
51338Series

Mates With
Board-to-Board SlimStack™ Plug 55909 , 501745

RPS-51338-030, RPS-51338-031, RPS-51338-034,
RPS-51338-040, RPS-55909-001
SD-51338-003, SD-51338-004

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