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Part Number: [5009130602](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack Board-to-Board PCB Receptacle, Surface Mount, Dual Row, Vertical Stacking, Mated Height of 1.80mm, with Solder Tabs, 60 Circuits

Documents:

3D Model	Product Specification PS-500913-002-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-500913-001-001 (PDF)
Product Specification PS-500913-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

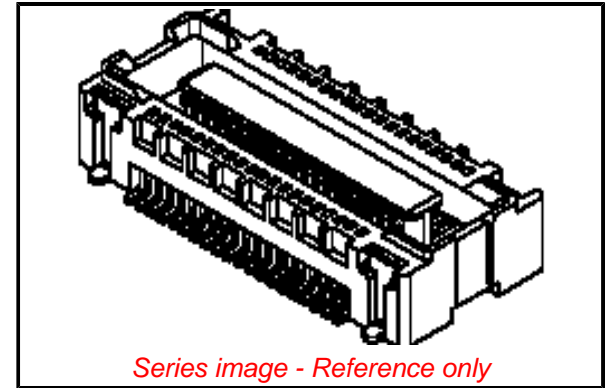
Product Family	PCB Receptacles
Series	500913
Application	Board-to-Board, Signal
Data Load Status	Collected FY08-Verified FY08
Doc Info - Component	E-500913-002_M, PS-500913-001_E, PS-500913-002_A, RPK-500913-001_A, RPS-500913-002_E, RPS-500913-003_C, RSD-500913-00, RSD-500913-005_A
Made From	5009100009, 5009110009, 5009120602
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack
UPC	822348859481

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	1.80mm, 2.30mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	132.801/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Plating min - Mating	0.254µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25°C to +85°C
Temperature Range NonOperating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
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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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[500913 Series](#)

Mates With

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

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-500913-001-001

Product Specification

PS-500913-001-001, PS-500913-002-001

Sales Drawing

SD-500913-001, SD-500913-002

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