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Part Number: **0546840608**
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 3.50mm and 4.00mm Stacking Height, 60 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-54684-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54684-007-001 \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	54684
Application	Board-to-Board, Signal
Overview	<u>SlimStack™ 0.40mm Pitch Board-to-Board Connectors</u>
Product Name	SlimStack
UPC	822350291347

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	3.50mm, 4.00mm
Mated Width	5.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	243.061/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25° to +105°C
Termination Interface: Style	Surface Mount

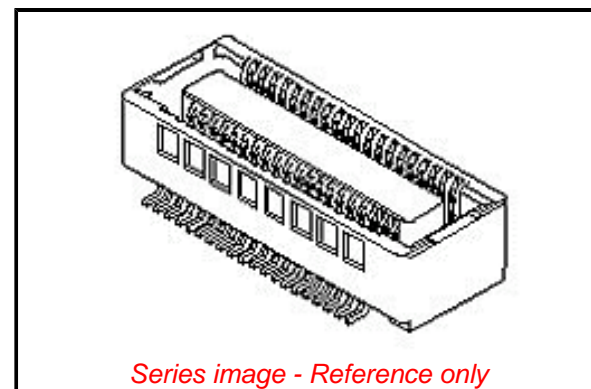
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54684-001-001
Product Specification	PS-54684-007-001
Sales Drawing	SD-54684-003, SD-54684-004



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
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

54684 Series

Mates With

SlimStack Plug Connector [501017](#)

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