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Part Number: [0546840244](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical Stacking, 4.00mm Stacking Height, 24 Circuits

Documents:

3D Model	Product Specification PS-54684-008-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-54684-001-001 (PDF)
Product Specification PS-54684-006-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Receptacles
Series	54684
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack
UPC	822348300211

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	4.00mm
Mated Width	5.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	116.969/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
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-25° to +105°C
Termination Interface: Style	Surface Mount

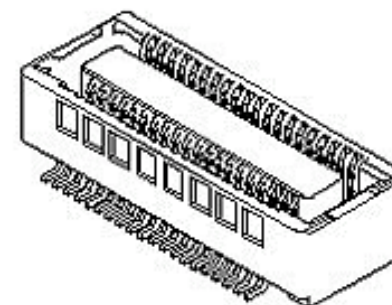
Electrical

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-54684-006-001, PS-54684-008-001
Sales Drawing	SD-54684-011, SD-54684-012



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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[54684 Series](#)

Mates With

SlimStack Plug Connector [501017](#)

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