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Part Number: [0544771208](#)
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, 4.00mm Stacking Height, 120 Circuits
Replacement Part Number: [http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=054684120454684-1204 w/differences](http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=054684120454684-1204%20w/differences)

Documents:

[3D Model](#) [Packaging Specification SPK-54477-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54477-008-001 \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	54477
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack
Replacement Part Number	54684-1204 w/differences
UPC	800753881730

Physical

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	Brown
Glow-Wire Capable	No
Mated Height	4.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	449.921/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
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 PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Surface Mount

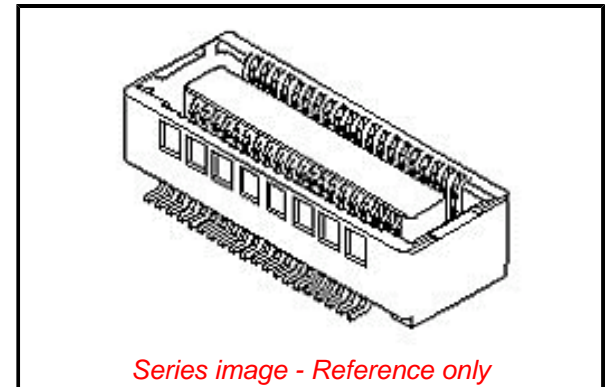
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54477-001-001
Product Specification	PS-54477-008-001
Sales Drawing	SD-54477-003, SD-54477-004



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

ELV

Prop65

RoHS Phthalates

Green Image

Not Relevant

Compliant

Not Contained

Search Parts in this Series

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Mates With

[55339 PCB Header](#)

This document was generated on 09/10/2018

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