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Part Number: [0553940978](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch Board-to-Board SlimStack Plug, Surface Mount, Dual Row, Right-Angle, 3.20mm Mated Height, with Solder Tabs and Plastic Pegs, 90 Circuits

Documents:

[Drawing \(PDF\)](#) [Product Specification PS-54552-024-001 \(PDF\)](#)
[Product Specification PS-54552-023-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	PCB Headers
Series	55394
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack
UPC	822348794812

Physical

Breakaway	No
Circuits (Loaded)	90
Circuits (maximum)	90
Color - Resin	Brown
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	3.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	261.800/mg
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

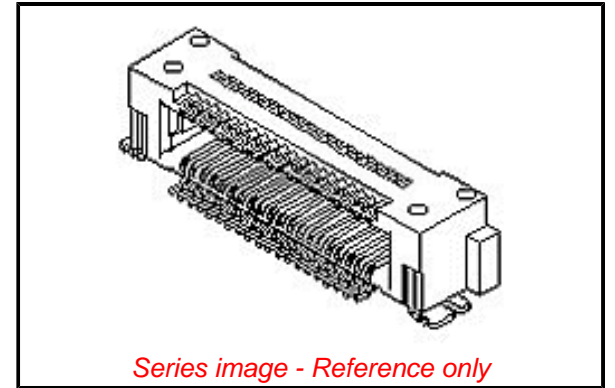
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-54552-023-001, PS-54552-024-001
Sales Drawing	SD-55394-017, SD-55394-018



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

[55394 Series](#)

Mates With

[54552 PCB Receptacle](#)

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