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Part Number: [0556044070](#)

Status: **Active**

Overview:

Description: 0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm (.059") Stacking Height, with Solder Tab and Mating Guide, Lead-free, 40 Circuits

Documents:

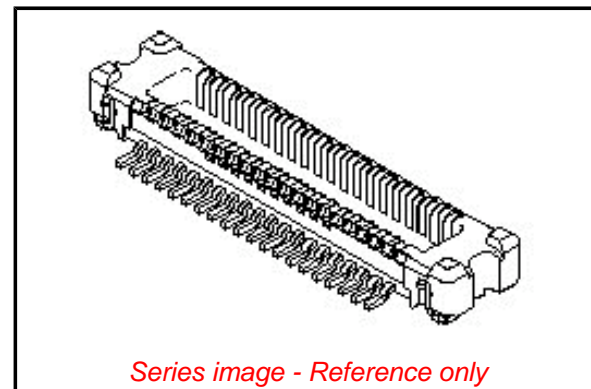
[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-54765-012 \(PDF\)](#)

[Product Specification PS-54765-013 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



Series image - Reference only

General

Product Family	PCB Headers
Series	55604
Application	Board-to-Board
Comments	Solder Tab Plating: Lead-free, Tin
Overview	SlimStack™
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.059 In
Mated Height (mm)	1.50 mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length (in)	0.029 In
PC Tail Length (mm)	0.74 mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Plating min: Mating (µin)	10
Plating min: Mating (µm)	0.25
Plating min: Termination (µin)	4
Plating min: Termination (µm)	0.1
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum	0.3A
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EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[55604](#) Series

Mates With

[54765](#) PCB Receptacle

Voltage - Maximum

50V

Material Info

Reference - Drawing Numbers

Product Specification

PS-54765-012

Product Specification

PS-54765-013

Product Specification

RPS-54765-030

Sales Drawing

SD-55604-010

Sales Drawing

SD-55604-011

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