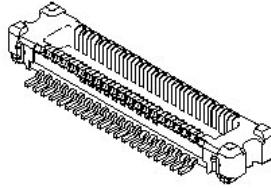


**Part Number: 55604-0508**

0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, with Solder Tab and Mating Guide, with PCB Locator, 50 Circuits



Series image - Reference only

Status:	OBsolete
Replacement:	556045078
Series:	55604
Category:	PCB Headers
Overview:	SlimStack™ 0.40mm Pitch Board-to-Board Connectors

Mates With Part(s):

[54765](#) PCB Receptacle

Product Environmental Compliance

EU RoHS: Compliance Status Not Reviewed

China RoHS:

REACH SVHC: Not Reviewed

Low-Halogen Status: Not Reviewed

Part Detail**General**

Status	Obsolete
Category	PCB Headers
Series	55604
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin/Lead
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
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	1.50mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Number of Rows	2
Orientation	Vertical
PC Tail Length	0.74mm
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V

Material Info

UPC	800753018426
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Reference - Drawing Numbers

Product Specification	PS-54765-010, PS-54765-011, RPS-54765-011, RPS-54765-028, RPS-55604-005
Sales Drawing	SD-55604-003, SD-55604-004

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)