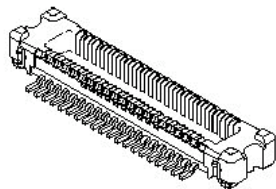


**Part Number: 55604-0446**

0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, with Solder Tab and Mating Guide, 44 Circuits



Series image - Reference only

Status:	OBSOLETE
Replacement:	556044470
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)	44
Circuits (maximum)	44
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	1.50mm
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	0.74mm
PCB Locator	No
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	800756579337
-----	--------------

Reference - Drawing Numbers

Product Specification	PS-54765-010, PS-54765-011, RPS-54765-028, RPS-54765-029, RPS-55604-012
Sales Drawing	SD-55604-008, SD-55604-009

Application Tooling

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](#)