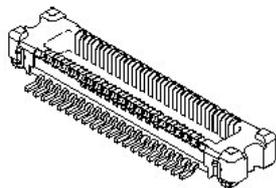**molex®**
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Part Number: 55604-0708

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, 70 Circuits

Series image - Reference only

Status:	**OBSOLETE**
Replacement:	556047078
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: Not RoHS Compliant
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)	70
Circuits (maximum)	70
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	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	800756586540

Reference - Drawing Numbers

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

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