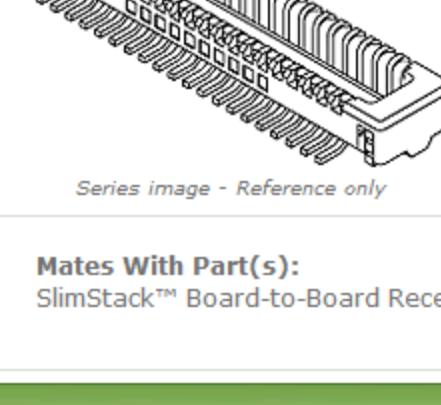




Home: PCB Headers >

Part Number: 55909-1204

0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, 120 Circuits



Series image - Reference only

Status: **OBsolete**
Replacement: [55909-1274](#)Series: [55909](#)
Category: [PCB Headers](#)
Overview: [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#) [CHECK DISTRIBUTOR INVENTORY](#) [Add to My Parts](#)
 [Email this page](#)Go to [Part Detail](#) ▾

Mates With Part(s):

SlimStack™ Board-to-Board Receptacle [51338](#)

Product Environmental Compliance

[EU ELV](#): Product not active[EU RoHS](#): Product not active[EU RoHS Phthalates](#): Product not active[China RoHS](#):[REACH SVHC](#): Product not active[Low-Halogen Status](#): Product not active [EU RoHS Certificate of Compliance \(PDF\)](#) [Multiple Part Product Compliance Statements](#)

EU RoHS, REACH SVHC, & Low-Halogen

[Multiple Part Industry Compliance Documents](#)

*IPC 1752A Class C

*IPC 1752A Class D

*Molex Product Compliance Declaration

Application Tooling

FAQ

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](#)Questions on Product Environmental Compliance? Email ProductCompliance@molex.comRequest Molex's CMRT from conflictminerals@molex.com

Part Detail

[COLLAPSE ALL](#)

▼ General

Status	Obsolete
Category	PCB Headers
Series	55909
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin-Copper
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	800756601489

▼ Physical

Breakaway	No
Circuits (Loaded)	120
Circuits (maximum)	120
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
Net Weight	94.840/mg
Number of Rows	2
Orientation	Vertical
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 AC (RMS)/DC