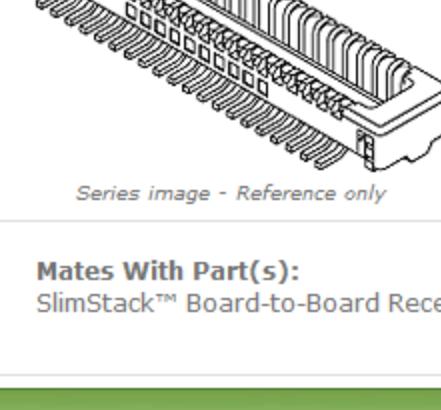




Home: PCB Headers &gt;

## Part Number: 55909-0224

0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 1.50mm Stacking Height, 22 Circuits



Series image - Reference only

Status: **OBsolete**  
Replacement: [55909-2274](#)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, &amp; 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.com](mailto:ProductCompliance@molex.com)Request Molex's CMRT from [conflictminerals@molex.com](mailto:conflictminerals@molex.com)

## Part Detail

[COLLAPSE ALL](#)

## ▼ General

Status	Obsolete
Category	PCB Headers
Series	<a href="#">55909</a>
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin-Copper
Overview	<a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack™
UPC	756054715710

## ▼ Physical

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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	24.334/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