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**Part Number:** [0550910874](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.635mm Pitch Board-to-Board Connectors  
**Description:** 0.635mm Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 6.00 and 12.00mm Stacking Heights, Black, 80 Circuits, Robotic Placement Metal Cap, with Embossed Tape on Reel Packaging

**Documents:**

[3D Model](#) [Packaging Specification 550919200-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 527600000-000 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [55091](#)  
 Application Board-to-Board, Signal  
 Comments Stacking-Type  
 MolexKits Yes  
 Overview [SlimStack™ 0.635mm Pitch Board-to-Board Connectors](#)  
 Product Name SlimStack™  
 UPC 822348448661

**Physical**

Breakaway No  
 Circuits (Loaded) 80  
 Circuits (maximum) 80  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Mated Height 12.00mm, 6.00mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 736.541/mg  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.64mm  
 Polarized to PCB Yes  
 Robotic Placement Metal Cap  
 Stackable No  
 Temperature Range - Operating -55°C to +85°C  
 Termination Interface: Style Surface Mount

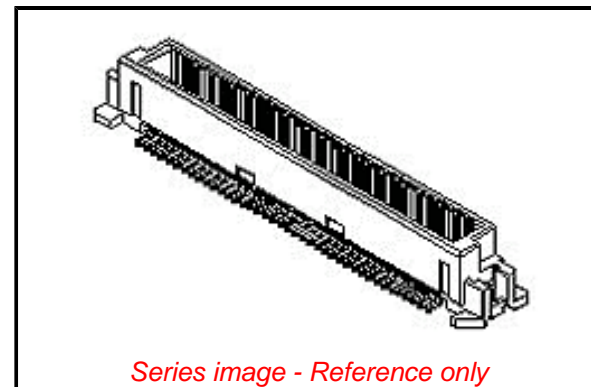
**Electrical**

Current - Maximum per Contact 0.5A  
 Voltage - Maximum 100V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 550919200-200



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[55091](#) Series

**Mates With**

SlimStack™ Receptacle [52760](#) , [52837](#) ,  
[52885](#) , [52901](#)

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