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**Part Number:** [0550910274](#)  
**Status:** **Active**  
**Overview:**  
**Description:** SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 6.00 or 12.00mm Mated Height, 6.40mm Mated Width, 20 Circuits

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [55091](#)  
 Application Board-to-Board, Signal  
 Comments Stacking-Type  
 Overview slimstack\_fine\_pitch\_smt\_board\_to\_board\_connectors  
 Product Name SlimStack  
 Series Name 0.635, Rigid  
 UPC 822348192366

**Physical**

Breakaway No  
 Circuits (Loaded) 20  
 Circuits (maximum) 20  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Lock to Mating Part Yes  
 Mated Height 12.00mm, 6.00mm  
 Mated Width 6.40mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 334.361/mg  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.635mm  
 Polarized to PCB Yes  
 Robotic Placement Metal Cap  
 Temperature Range - Operating -55° to +105°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  
 Product Specification 527600000-000  
 Sales Drawing SD-55091-006-001, SD-55091-007-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[55091](#) Series

**Mates With**

SlimStack 0.635 Receptacle [52885](#) , [52901](#)

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