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**Part Number:** [55091-0474](#)  
**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, 40 Circuits, Robotic Placement Metal Cap, with Embossed Tape on Reel Packaging

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**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 822348192380

**Physical**

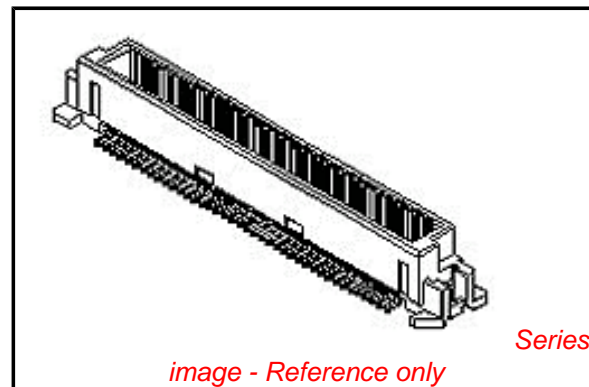
Breakaway No  
 Circuits (Loaded) 40  
 Circuits (maximum) 40  
 Color - Resin Black  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Mated Height 12.00mm, 6.00mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 468.421/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**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[55091Series](#)

**Mates With**

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

Product Specification

Sales Drawing

RPS-52760-017, RPS-52760-022, RPS-52760-030,  
RPS-52901-012  
SD-55091-006, SD-55091-007

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