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**Part Number:** [5052740610](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.35mm pitch Board-to-Board Connectors  
**Description:** 0.35mm Pitch SlimStack Armor™ Board-to-Board Plug Connector, Surface Mount, Dual Row, Vertical, 0.80mm Stacking Height, 2.00mm Width, 0.15mm Fitting Nail Width, 6 Circuits

**Documents:**

[3D Model](#) [Packaging Specification 5052749200-200 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 5052700000-000 \(PDF\)](#)

**General**

Product Family PCB Headers  
 Series [505274](#)  
 Application Board-to-Board  
 Overview [SlimStack™ 0.35mm pitch Board-to-Board Connectors](#)  
 Product Name SlimStack Armor™  
 UPC 889056162883

**Physical**

Breakaway No  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 Glow-Wire Compliant No  
 Mated Height 0.80mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold over Nickel  
 Material - Plating Termination Gold over Nickel  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 3.760/mg  
 Number of Rows 2  
 Orientation Vertical  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.35mm  
 Plating min - Mating 0.102µm  
 Plating min - Termination 0.051µm  
 Polarized to Mating Part No  
 Polarized to PCB No  
 Stackable No  
 Temperature Range - Operating -40°C to +85°C  
 Termination Interface: Style Surface Mount

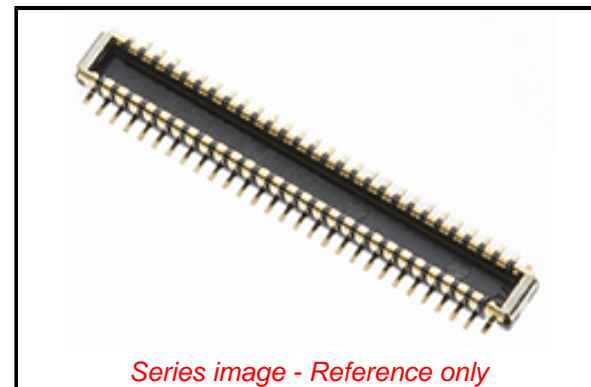
**Electrical**

Current - Maximum per Contact 0.3A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification [5052749200-200](#)  
 Product Specification [5052700000-000](#)  
 Sales Drawing [5052740000-000](#), [5052741000-004](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[505274 Series](#)

**Mates With**

0.35mm Pitch SlimStack Armor™ Board-to-Board Receptacle [505270](#)

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