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**Part Number:** [504459-4210](#)  
**Status:** **Active**  
**Description:** SlimStack™ ST6, PCB Plug, SMT, Dual Row, Vertical, 0.60mm Stack Height, 1.90mm Mated Width, 42 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification SPK-504459-001 \(PDF\)](#)  
[Product Specification PS-504455-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-504455-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">504459</a>
Application	Board-to-Board
Product Name	SlimStack™
UPC	887191308142

**Physical**

Breakaway	No
Circuits (Loaded)	42
Circuits (maximum)	42
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Mated Height	0.60mm
Material - Metal	Copper
Material - Plating Mating	Gold
Net Weight	6.750/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

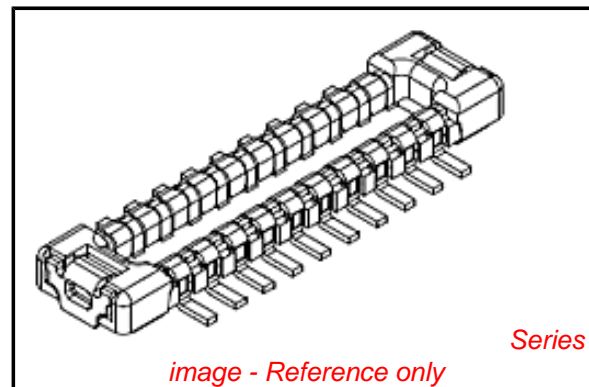
**Electrical**

Current - Maximum per Contact	0.3A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504455-001
Packaging Specification	SPK-504459-001
Product Specification	PS-504455-001, RPS-504455-001
Sales Drawing	SD-504459-001, SD-504459-002



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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 For a multiple part number RoHS Certificate of Compliance, [click here](#)

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