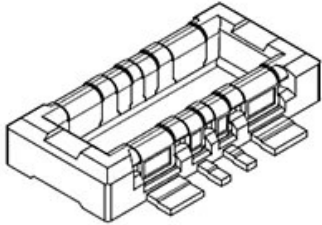


Home: PCB Headers >

Part Number: 505006-0810

SlimStack™ Hybrid Power SMT Board-to-Board Plug, 0.40mm Pitch, 0.75mm Height, 4 Power, 4 Signal Contacts



Series image - Reference only

Status: Active
Series: 505006
Category: PCB Headers
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors

Go to [Part Detail](#) ▼

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Mates With Part(s):

[505004](#) 0.40mm Pitch SlimStack™ Board-to-Board Battery Receptacle

Specifications & Other Documents:

- [Part Details \(PDF\)](#)
- [Product Specification PS-505004-001.pdf](#)
- [Application Specification AS-505004-001.pdf](#)
- [Packaging Specification SPK-505006-001.pdf](#)

Sales Drawings, 3D Models, and Brochures

- [Drawing \(PDF\)](#)
- [3D Model](#)
- [3D Model \(PDF\)](#)

Note - Please disable browser pop-up blockers to view documents on www.molex.com

Product Environmental Compliance

Questions on Product Environmental Compliance? Email productcompliance@molex.com

- [EU ELV](#): Not Relevant
- [EU RoHS](#): Compliant
- [China RoHS](#):
- [REACH SVHC](#): Not Contained Per - ED/79/2015 (17 December 2015)
- [Low-Halogen Status](#): Low-Halogen

- [RoHS Certificate of Compliance \(PDF\)](#)
- [Multiple Part Product Compliance Form](#)

Part Detail

COLLAPSE ALL

▼ **General**

Status	Active
Category	PCB Headers
Series	505006
Application	Board-to-Board
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	887191595085

▼ **Physical**

(p)ower-(s)ignal Configuration	4p - 4s
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black

Application Tooling

[FAQ](#)

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

Durability (mating cycles max)	10
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	0.75mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	5.410/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
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

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	0.3A, 3.0A
Voltage - Maximum	50V AC (RMS)/DC

▼ Material Info

▼ Reference - Drawing Numbers

Application Specification	AS-505004-001
Packaging Specification	SPK-505006-001
Product Specification	PS-505004-001, RPS-505004-001, RPS-505004-003, RPS-505004-004
Sales Drawing	SD-505006-001, SD-505006-002

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