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Part Number: **505004-0810**
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack™ 0.40mm Pitch Board-to-Board Battery Receptacle, Surface Mount, Dual Row, Vertical, 0.75mm Stacking Height, 8 Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification SPK-505004-001 \(PDF\)](#)
[Product Specification PS-505004-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-505004-001 \(PDF\)](#)

General

Product Family PCB Receptacles
Series 505004
Application Board-to-Board
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack™
UPC 887191595078

Physical

Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Black
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
Material - Plating Termination Gold
Material - Resin Liquid Crystal Polymer
Net Weight 17.405/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

Current - Maximum per Contact .3A
Voltage - Maximum 50V AC/DC

Material Info

Reference - Drawing Numbers

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

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
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

505004Series

Mates With

505006 SlimStack™ 0.40mm Pitch Board-to-Board Battery Header

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