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Part Number: **504208-5010**
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack™ ST8 Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.80mm Stacking Height, 50 Circuits

Documents:

[Drawing \(PDF\)](#) [Packaging Specification SPK-504208-001 \(PDF\)](#)
[Product Specification PS-504208-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-504208-001 \(PDF\)](#)

General

Product Family PCB Receptacles
Series [504208](#)
Application Board-to-Board, Signal
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack™
UPC 887191440484

Physical

Circuits (Loaded) 50
Circuits (maximum) 50
Color - Resin Black
Durability (mating cycles max) 30
Glow-Wire Compliant No
Mated Height 0.80mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin Liquid Crystal Polymer
Net Weight 24.061/mg
Number of Rows 2
Orientation Vertical
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.40mm
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

Material Info

Reference - Drawing Numbers

Application Specification AS-504208-001
Packaging Specification SPK-504208-001
Product Specification PS-504208-001
Sales Drawing SD-504208-001, SD-504208-002, SD-504208-004, SD-504248-002, SD-504248-004

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

[504208Series](#)

Mates With

[504248](#) SlimStack™ ST8 Board-to-Board Header

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