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Part Number: [5054761010](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack™ Hybrid Power SMT Board-to-Board Plug, 0.40mm Pitch, 0.60mm Height, 4 Power, 6 Signal Contacts, 10 Amp Type

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 5054769200 \(PDF\)](#)
[Application Specification 5054730000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [505476](#)
Application Board-to-Board
Comments * 10A of current per circuit is applicable if the circuit was constructed by two power pins via a PWB/FPC circuit
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack™
UPC 889056269025

Physical

(p)ower-(s)ignal Configuration 4p - 6s
Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
Color - Resin Black
Durability (mating cycles max) 10
Glow-Wire Compliant No
Lock to Mating Part Yes
Mated Height 0.60mm
Material - Metal Copper Alloy
Material - Plating Mating Gold over Nickel
Material - Plating Termination Gold over Nickel
Material - Resin Liquid Crystal Polymer
Net Weight 6.158/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 0.5A, 5.0A*
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification 5054730000
Packaging Specification 5054769200
Sales Drawing 5054760000, 5054761000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[505476](#) Series

Mates With

[505473](#) 0.40mm Pitch SlimStack™ Board-
to-Board Battery Receptacle

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