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Part Number:

5055514020

Status:

Active

Overview:

SlimStack Board-to-Board Connectors

Description:

SlimStack Board-to-Board Plug, 0.40mm Pitch, B8 Series, 0.80mm Mated Height, 2.50mm Mated Width, 40 Circuits



Series image - Reference only

Documents:

- [3D Model](#)[Drawing \(PDF\)](#)[3D Model \(PDF\)](#)[Product Specification 5055500000-002 \(PDF\)](#)[Packaging Specification 5055519200-200 \(PDF\)](#)
- [Datasheet \(PDF\)](#)[Product Guide \(PDF\)](#)[RoHS Certificate of Compliance \(PDF\)](#)[Reference Guide \(PDF\)](#)

General

Product Family	PCB Headers
Series	505551
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	B8
UPC	191128262040

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.80mm
Mated Width	2.50mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	17.206/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Plating min - Mating	0.100µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	5055519200-200
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EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

505551 Series

Mates With

SlimStack B8 Receptacle 505550

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