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Part Number:

5055502420

Status:

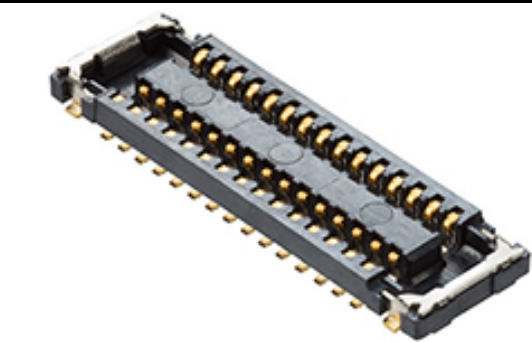
Active

Overview:

SlimStack Board-to-Board Connectors

Description:

SlimStack Board-to-Board Receptacle, 0.40mm Pitch, B8 Series, 0.80mm Mated Height, 2.50mm Mated Width, 24 Circuits



Series image - Reference only

Documents:

- [3D Model](#)

[Drawing \(PDF\)](#)

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

[Product Specification 5055500000-002 \(PDF\)](#)

[Packaging Specification 5055509200-200 \(PDF\)](#)
- [Datasheet \(PDF\)](#)

[Product Guide \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Reference Guide \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	505550
Application	Board-to-Board
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	B8
UPC	191128261937

Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
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	18.117/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	0.050µm
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	5055509200-200
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EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 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

505550 Series

Mates With

SlimStack B8 Plug [505551](#)

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