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Part Number: **2166560109**
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Battery Series, 0.70mm Mated Height, 2.30mm Mated Width, 10 Circuits, 15.0A

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 2166569100-SPK-001 \(PDF\)](#)
[Product Specification 2166560109-PS-001 \(PDF\)](#) [Datasheet \(PDF\)](#)
[Application Specification 2166560100-AS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Receptacles
Series [216656](#)
Application Board-to-Board
Comments 6 signal terminals; 4 power terminals
Overview [SlimStack Board-to-Board/Board-to-FPC Connectors](#)
Product Name SlimStack
Series Name Battery, New GCB7
UPC 195842320192

Physical

(p)ower-(s)ignal Configuration 4p - 6s
Circuits (Loaded) 10
Circuits (maximum) 10
Color - Resin Black
Durability (mating cycles max) 10
Glow-Wire Capable No
Lock to Mating Part Yes
Mated Height 0.70mm
Mated Width 2.30mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Gold
Material - Resin Liquid Crystal Polymer
Net Weight 15.015/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

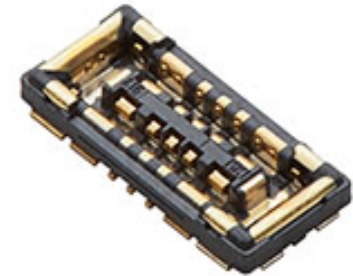
Electrical

Current - Maximum per Contact 0.3A, 15.0A
Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification 2166560100-AS-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
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Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[216656 Series](#)

Mates With

SlimStack Plug (15A) [2166570109](#)

Packaging Specification
Product Specification
Sales Drawing

2166569100-SPK-001
2166560109-PS-001
2166560100-SD-001

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