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Part Number: [5050704822](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.60 or 0.70mm Mated Height, 2.00mm Mated Width, 48 Circuits, Armor Nail, 0.15mm Fitting Nail Width

Documents:

3D Model	Packaging Specification 5050709200-203 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	Product Guide (PDF)
Product Specification 5050660000-014 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 5050660000-A06 (PDF)	Reference Guide (PDF)

General

Product Family	PCB Headers
Series	505070
Application	Board-to-Board
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	SSB RP
UPC	191128261838

Physical

Breakaway	No
Circuits (Loaded)	48
Circuits (maximum)	48
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.60mm, 0.70mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	11.728/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Pitch - Termination Interface	0.35mm
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

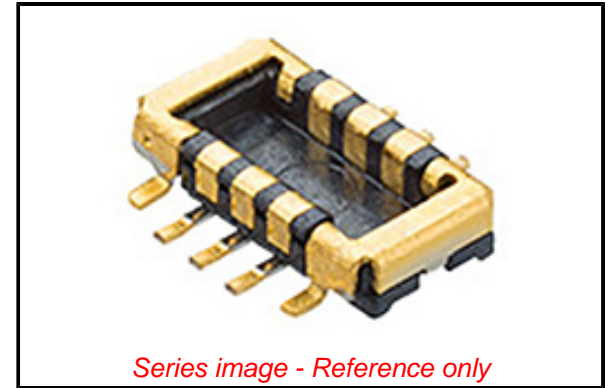
Electrical

Current - Maximum per Contact	0.3A, 3.0A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5050660000-A06
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
Perfluorohexane-1-
sulphonic acid and its
salts
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Methylhexahydrophthalic
anhydride
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Fluoranthene
Tris(4-nonylphenyl,
branched and linear)
phosphi
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
disodium octaborate
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
1,3-propanesultone
1,2-diethoxyethane
phenanthrene
[phthalato(2-)]dioxotrilead
Sulfurous acid, lead
salt, dibasic
cadmium hydroxide
lead cyanamidate
dioxobis(stearato)trilead

China RoHS

Packaging Specification
Product Specification
Sales Drawing

5050709200-203
5050660000-014
5050700000-007, 5050701000-019

tetralead trioxide
sulphate
pentalead tetraoxide
sulphate
diboron trioxide
bis(pentabromophenyl)
ether
1,2-bis(2-
methoxyethoxy)ethane
pentazinc chromate
octahydroxide
potassium
hydroxyoctaoxidizincatedichromate(1-)
bis(2-methoxyethyl)
ether
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
strontium chromate

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

[505070](#) Series

Mates With

SlimStack SSB RP Receptacle [505066](#)

This document was generated on 10/23/2020

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