

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5050704822](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.35mm Pitch, SSB RP Series, Plug, 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)	RoHS Certificate of Compliance (PDF)
Product Specification 5050660000-014 (PDF)	Product Literature (PDF)
Application Specification 5050660000-A06 (PDF)	Product Literature (PDF)

General

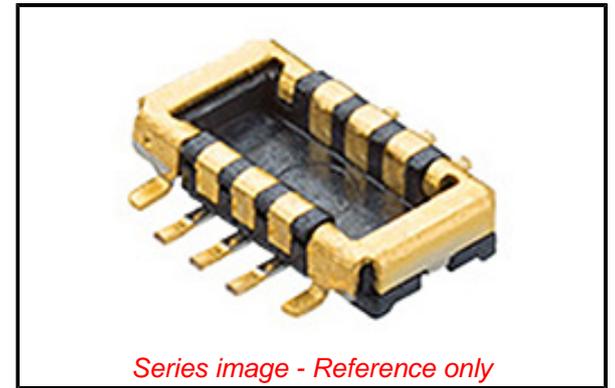
Product Family	PCB Headers
Series	505070
3D Viewer	Yes
Application	Board-to-Board
CURRENT-MAX-NUMERIC	0.3
Datasheet Order No	987651-2331, 987651-8783_ZH, 987651-8785_DE, 987651-8786_JA, 987651-8787_KO, 987651-8788_ES
Overview	SlimStack Board-to-Board Connectors
PITCH-MATING-NUMERIC	0.35
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
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 over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	11.728/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Plating min - Mating	0.102µm
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
-------------------------------	------



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

[505070 Series](#)

Mates With

SlimStack SSB RP Receptacle [505066](#)

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5050660000-A06

Packaging Specification

5050709200-203

Product Specification

5050660000-014

Sales Drawing

5050700000-007, 5050701000-019

This document was generated on 09/25/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION