

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5050701222](#)

Status: **Active**

Overview: SlimStack Board-to-Board/Board-to-FPC Connectors

Description: SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.60 or 0.70mm Mated Height, 2.00mm Mated Width, 12 Circuits, Armor Nail, 0.15mm Fitting Nail Width

Documents:

[2D Drawing \(DXF\)](#)

[2D Drawing DXF \(PDF\)](#)

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

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 5050660000-014 \(PDF\)](#)

[Application Specification 5050660000-A06 \(PDF\)](#)

[Packaging Specification 5050709200-203 \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

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

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

General

Product Family	PCB Headers
Series	505070
Application	Board-to-Board
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.35, SSB RP
Taxonomy	Board-to-Board Connectors
UPC	191128261548

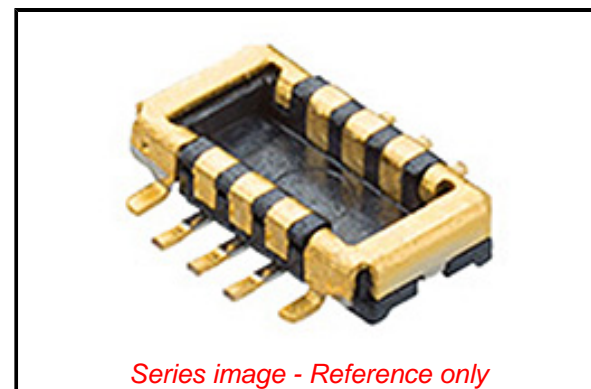
Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	4.027/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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](#)

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 10/25/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION