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Part Number:

5052702412

Status:

Active

Overview:

SlimStack Board-to-Board/Board-to-FPC Connectors

Description:

SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 24 Circuits, Armor Nail

- Documents:
- 3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 5052700001-PS-000 (PDF)

Product Specification 5052700003-PS-000 (PDF)

Application Specification 5052700000-A01 (PDF)

Packaging Specification 5052709200SPK-200 (PDF)

Datasheet (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

Reference Guide (PDF)

General	
Product Family	PCB Receptacles
Series	505270
Application	Board-to-Board
Component Type	PCB Receptacle
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.35, SSB RP
Taxonomy	Board-to-Board Connectors
UPC	191128462020

Physical	
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.70mm, 0.80mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	13.660/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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series
505270 Series

Mates With
SlimStack SSB RP Plug 505070 , 505274

Reference - Drawing Numbers

Application Specification	5052700000-A01
Packaging Specification	5052709200SPK-200
Product Specification	5052700001-PS-000, 5052700003-PS-000
Sales Drawing	5052700001-SD-000, 5052701001-SD-000

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