molex
one company › a world of innovation

Part Number: 5046222412

Status: **Active**

Overview: SlimStack Board-to-Board Connectors

Description: SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB6 Standard Series, 0.60mm Mated Height, 2.00mm Mated Width, 24 Circuits

Series image - Reference only

Documents:
- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification 5046180000-000 (PDF)
- Product Specification PS-504618-002 (PDF)
- Application Specification 5046180000-A00 (PDF)
- Packaging Specification 5046229200-202 (PDF)
- Datasheet (PDF)
- Product Guide (PDF)
- RoHS Certificate of Compliance (PDF)
- Reference Guide (PDF)

General
Product Family	PCB Headers
Series	504622
Application	Board-to-Board
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	SSB6
UPC	191128130424

Physical
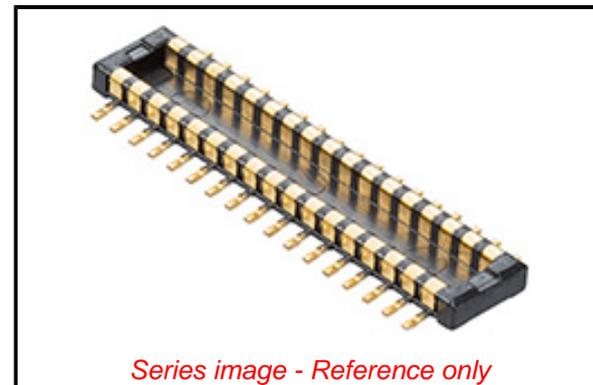|	
Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	6.610/mg
Number of Rows	2
Orientation	Vertical
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Pitch - Termination Interface	0.35mm
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
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers
Application Specification	5046180000-A00
Packaging Specification	5046229200-202
Product Specification	5046180000-000, PS-504618-002
Sales Drawing	5046220000-004, 5046221000-003

EU ELV
Not Relevant

EU RoHS   **China RoHS**
Compliant
REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 2020
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
504622 Series

Mates With
SlimStack SSB6 Receptacle 504618