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Part Number:

0538850508

Status:

Active

Overview:

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

Description:

0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 2.50mm Stack Height, without Solder Tab, 50 Circuits

Documents:

3D Model

Drawing (PDF)

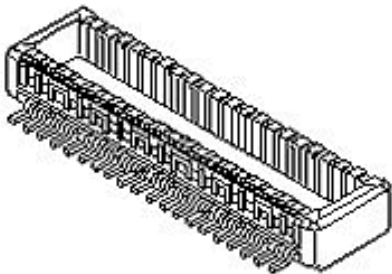
3D Model (PDF)

Product Specification PS-54102-011-001 (PDF)

Packaging Specification SPK-53885-001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)



Series image - Reference only

General	
Product Family	PCB Headers
Series	53885
Application	Board-to-Board, Signal
Component Type	PCB Header
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.5, BB H2.5
Taxonomy	Board-to-Board Connectors
UPC	800753493780

Physical	
Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	2.50mm
Mated Width	5.30mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	91.124/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	0.64mm
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Polarized to PCB	No
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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
53885 Series

Mates With
54102 SlimStack Receptacle

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53885-001-001
Product Specification	PS-54102-011-001
Sales Drawing	538850000-SD-000, 538851000-SD-001

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