

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0556500488

Status:

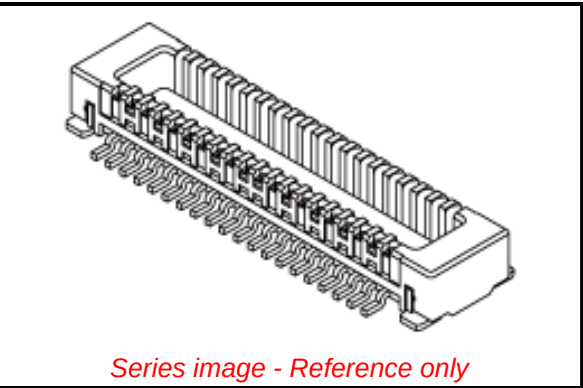
Active

Overview:

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

Description:

0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 2.00mm Stack Height, with Solder Tab, 40 Circuits



Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-54363-046-001 (PDF)

Packaging Specification SPK-55650-001-001 (PDF)

Packaging Specification SPK-55650-001-002 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	55650
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.5, BB H2
UPC	822348292707
Physical	
Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
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	2.00mm
Mated Width	6.00mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	85.200/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.5A

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
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

55650 Series

Mates With

54363 PCB Receptacle

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-55650-001-001, SPK-55650-001-002

Product Specification

PS-54363-046-001

Sales Drawing

SD-55650-013-001, SD-55650-014-001

This document was generated on 08/24/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION