

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5017450541

Status:

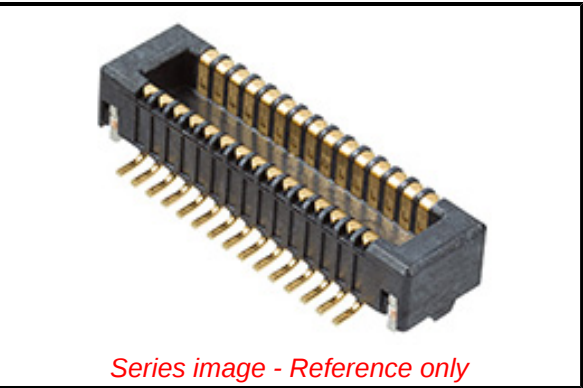
Active

Overview:

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

Description:

SlimStack Board-to-Board Plug, 0.40mm Pitch, J-Bend Series, 2.00 or 2.30mm Mated Height, 3.40 or 4.20mm Mated Width, 54 Circuits



Documents:	
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-51338-003-001 (PDF)	Reference Guide (PDF)
Packaging Specification SPK-501745-001-001 (PDF)	

General	
Product Family	PCB Headers
Series	501745
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.4, J-Bend
Taxonomy	Board-to-Board Connectors
UPC	884982477971
Physical	
Breakaway	No
Circuits (Loaded)	54
Circuits (maximum)	54
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	2.00mm, 2.30mm
Mated Width	3.40mm, 4.20mm
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	67.400/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Cross-Plant Material Status	LT

EU ELV	
Not Relevant	
EU RoHS	China 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

501745 Series

Mates With

SlimStack J-Bend Receptacle [51338](#)

Reference - Drawing Numbers

Packaging Specification	SPK-501745-001-001
Product Specification	PS-51338-003-001
Sales Drawing	SD-501745-001-001, SD-501745-002-001

This document was generated on 09/12/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION