

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [501745-0401](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack™ Board-to-Board Plug, Surface Mount, Dual Row, Vertical, Lead-Free, 40 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501745-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51338-003 \(PDF\)](#)

General

Product Family	PCB Headers
Series	501745
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	883906546311

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	2.00mm, 2.30mm
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	53.010/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-25°C 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

Packaging Specification	SPK-501745-001
Product Specification	PS-51338-003, RPS-51338-029
Sales Drawing	SD-501745-001, SD-501745-002

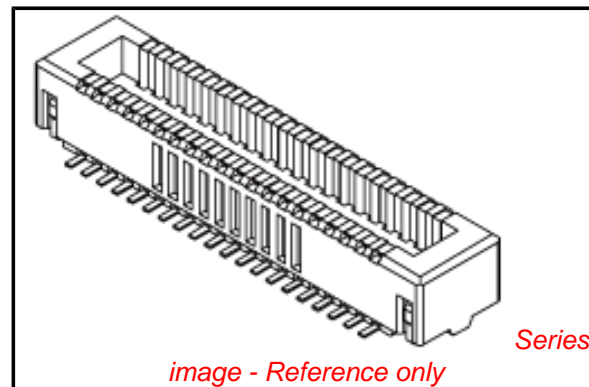


image - Reference only

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

501745Series

Mates With

51338 PCB Receptacle, 500913 PCB Receptacle

This document was generated on 01/21/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION