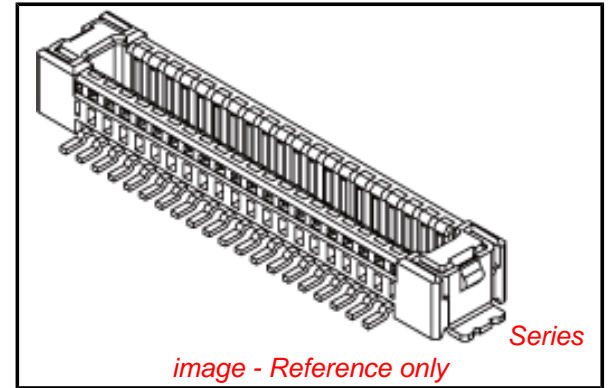


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5016390410](#)
Status: **Active**
Overview: [slimstack_mm016_pitch](#)
Description: 0.40mm Pitch SlimStack™ Board-to-Board Plug, SMT, Dual Row, Vertical Stacking, 1.70mm Stacking Height, with Solder Tabs, 40 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501639-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501635-001 \(PDF\)](#)



General

Product Family	PCB Headers
Series	501639
Application	Board-to-Board, Signal
Overview	slimstack_mm016_pitch
Product Name	SlimStack™

Physical

Breakaway	No
Circuits (Loaded)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	1.70mm
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
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
Stackable	No
Surface Mount Compatible (SMC)	Yes
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-501639-001
Product Specification	PS-501635-001, RPS-501635-001, RPS-501635-002, RPS-501635-003
Sales Drawing	SD-501639-001, SD-501639-002

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

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

[501639Series](#)

Mates With

[501635 PCB Receptacle](#)

This document was generated on 01/25/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION