

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **503376-3410**  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch Board-to-Board SlimStack™ Plug, SMT, Dual Row, Right Angle, with Solder Tabs and Plastic Pegs, 34 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-503376-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-54552-023 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	503376
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack™
UPC	883906708443

**Physical**

Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	135.208/mg
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

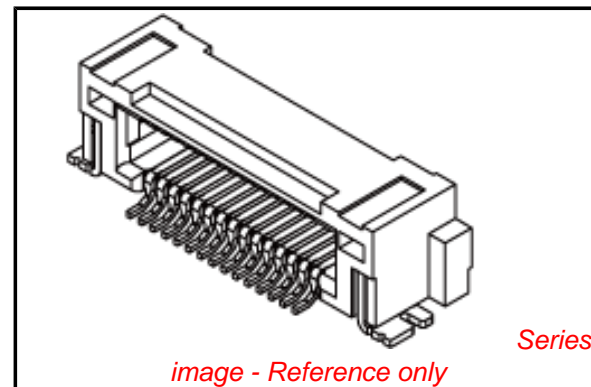
**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-503376-001
Product Specification	PS-54552-023, RPS-54552-011
Sales Drawing	SD-503376-001, SD-503376-002



**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](mailto: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**

503376Series

**Mates With**

54552 PCB Receptacle