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Part Number: [503552-1820](#)
Status: **Active**
Overview: [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Description: 0.40mm SlimStack™ Board-to-Board, Plug, Surface Mount, Dual Row, Vertical Stacking, 0.70mm Stacking Height, Hi-Retention Type, 18 Circuits

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-503548-001 \(PDF\)](#)
[Product Specification PS-503548-002 \(PDF\)](#)
- [Product Specification PS-503552-001 \(PDF\)](#)
[Packaging Specification SPK-503552-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

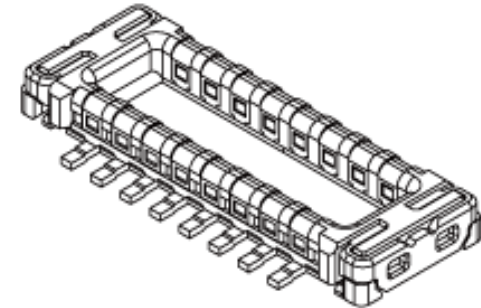


image - Reference only

Series

General

Product Family	PCB Headers
Series	503552
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	884982250307

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	0.70mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	9.070/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	-40°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-503552-001
Product Specification	PS-503548-001, PS-503548-002, PS-503552-001
Sales Drawing	SD-503552-005, SD-503552-006

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



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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
[503552Series](#)

Mates With
[503548 SlimStack™ PCB Receptacle](#)

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