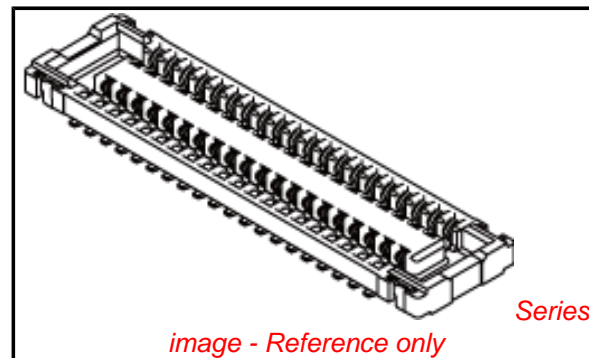


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Part Number: [503304-6040](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: SlimStack™ 0.40mm Pitch Board-to-Board Receptacle, SMT, Dual Row, Vertical, 0.70mm Stacking Height, 60 Circuits
Replacement Part Number: [503304-1240](#)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)



General

| | |
|-------------------------|---|
| Product Family | PCB Receptacles |
| Series | 503304 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |
| Replacement Part Number | 503304-1240 |
| UPC | 887191498836 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 60 |
| Circuits (maximum) | 60 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Mated Height | 0.70mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 46.944/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/DC |

Material Info

Reference - Drawing Numbers

Sales Drawing [SD-503304-006](#), [SD-503304-007](#)

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.

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[503304Series](#)

Mates With

[503308 PCB Header](#)