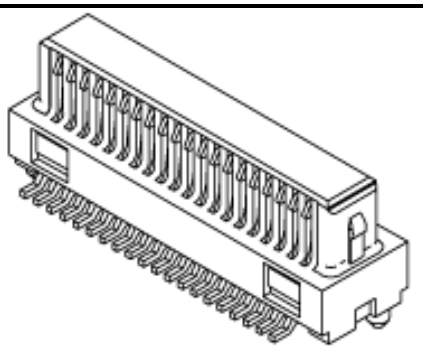
This document was generated on 01/30/2023

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

**Part Number:** 0545520402
**Status:** Active
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors
**Description:** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, with Plastic Pegs, 40 Circuits



*Series image - Reference only*

**Documents:**

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Product Specification PS-54552-023-001 (PDF)
- Packaging Specification SPK-54552-017-001 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

| | |
|---|---|
| **General** | |
| Product Family | PCB Receptacles |
| Series | 54552 |
| Application | Board-to-Board, Signal |
| Component Type | PCB Receptacle |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.4, RA |
| Taxonomy | Board-to-Board Connectors |
| UPC | 822348830749 |
| **Physical** | |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Color - Resin | Brown |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Mated Height | 4.25mm, 4.35mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 154.001/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.40mm |
| Pitch - Termination Interface | 0.40mm |
| Polarized to PCB | No |
| Temperature Range - Operating | -40° to +105°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-54552-017-001 |
| Product Specification | PS-54552-023-001 |
| Sales Drawing | SD-54552-023-001, SD-54552-024-001 |

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - D(2022)4187-DC (10 June 2022)

**Halogen-Free Status**
**Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**
54552 Series

**Mates With**
SlimStack 0.40mm Pitch Plug 503376

This document was generated on 01/30/2023

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