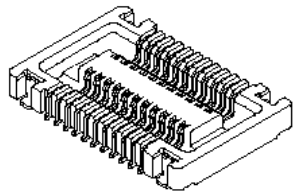


**Part Number: 500024-6071**

0.40mm Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 0.95mm Mated Height, without Friction Lock, 60 Circuits, Lead-Free



Series image - Reference only

| | |
|------------------|---|
| Status: | Contact Molex |
| Series: | 500024 |
| Category: | PCB Receptacles |
| Overview: | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |

Mates With Part(s):

[5000276042](#)

Part Detail**General**

| | |
|---------------|---|
| Status | Contact Molex |
| Category | PCB Receptacles |
| Series | 500024 |
| Application | Board-to-Board, Signal |
| Comments | Solder Tab Plating: Lead-Free, Tin |
| Overview | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name | SlimStack™ |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 60 |
| Circuits (maximum) | 60 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 10 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | None |
| Mated Height | 0.95mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| 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 |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.051µm |
| Polarized to PCB | No |
| Surface Mount Compatible (SMC) | N/A |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

(Please review the Product Specification for specific details.)

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.1A |
| Voltage - Maximum | 50V |

Material Info

| | |
|-----|--------------|
| UPC | 822348177042 |
|-----|--------------|

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | SPK-500024-001 |
| Product Specification | PS-500024-008, PS-500024-011, RPS-500024-019, RPS-500024-020, RPS-500024-023, RPS-500024-025, RPS-500024-026, RPS-500024-030, RPS-500024-031, RPS-500024-034, RPS-500024-038, RPS-500024-039, RPS-500024-040, RPS-500024-041 |
| Sales Drawing | SD-500024-018, SD-500024-019 |

Application Tooling

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)