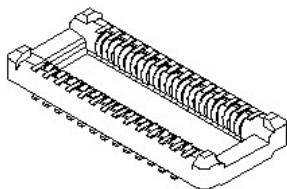


**Part Number: 500027-3482**

0.40mm Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 0.95mm Mated Height, without Friction Lock, Lead-Free, 34 Circuits



Series image - Reference only

|              |                                                                   |
|--------------|-------------------------------------------------------------------|
| Status:      | <b>OBSOLETE</b>                                                   |
| Replacement: | Contact Molex                                                     |
| Series:      | 500027                                                            |
| Category:    | PCB Headers                                                       |
| Overview:    | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a> |

**Mates With Part(s):**

[500024](#) SlimStack™ Board-to-Board Receptacle

**Product Environmental Compliance**

**EU RoHS:** ELV and RoHS Compliant

**China RoHS:** 

**REACH SVHC:**

**Low-Halogen Status:** Not Reviewed

**Part Detail****General**

| Status       | Obsolete                                                          |
|--------------|-------------------------------------------------------------------|
| Category     | PCB Headers                                                       |
| Series       | <a href="#">500027</a>                                            |
| Application  | Board-to-Board, Signal                                            |
| Comments     | Solder Tab Plating: Lead-Free, Tin                                |
| Overview     | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a> |
| Product Name | SlimStack™                                                        |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 34                             |
| Circuits (maximum)             | 34                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 10                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | None                           |
| 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                       |
| PC Tail Length                 | 0.47mm                         |
| 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      | 0.102µm                        |
| Polarized to PCB               | No                             |
| Shrouded                       | Partial                        |
| Stackable                      | No                             |
| 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 | 822348313099 |
|-----|--------------|

**Reference - Drawing Numbers**

|                       |                              |
|-----------------------|------------------------------|
| Product Specification | PS-500024-008                |
| Sales Drawing         | SD-500027-018, SD-500027-025 |

**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](#)