

# MOLEX SlimStack™ SMT Board-to-Board Connectors

**molex**  
one company a world of innovation

## 0.40MM (.016") PITCH SLIMSTACK™ SMT CONNECTORS

### Features:

- Durable blade on beam contact interface
- Anti -flux design
- J-Lead type SMT tail is 35% smaller than standard Gull Wing type
- Friction locks provide added mating retention to withstand shock and vibration
- Long wipe length helps provide good electrical reliability

### Applications:

- Cell Phones
- Digital Cameras
- PDAs
- Mobile Devices

RoHS Compliant This product is RoHS compliant.

### 0.90mm Mated Height, Dual Row

#### Specifications:

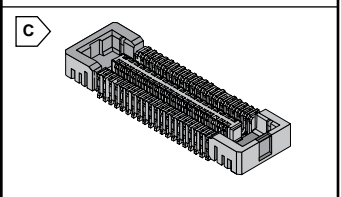
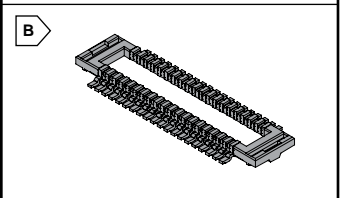
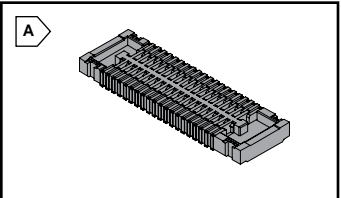
- Pitch: 0.40mm
- Mounting Style: Vertical
- Current: 0.3A
- Plating: Gold
- Termination Style: SMT
- Voltage: 50V



RoHS Compliant

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.   | Molex Part No. | Fig. | Number of Circuits | Description                       | Price Each |    |    |    |
|--------------------|----------------|------|--------------------|-----------------------------------|------------|----|----|----|
|                    |                |      |                    |                                   | 1          | 10 | 25 | 50 |
| <b>Receptacles</b> |                |      |                    |                                   |            |    |    |    |
| 538-501591-2011    | 501591-2011    | A    | 20                 | With J-Lead Tails and solder tabs |            |    |    |    |
| 538-501591-3011    | 501591-3011    | A    | 30                 | With J-Lead Tails and solder tabs |            |    |    |    |
| 538-501591-7011    | 501591-7011    | A    | 70                 | With J-Lead Tails and solder tabs |            |    |    |    |
| <b>Plugs</b>       |                |      |                    |                                   |            |    |    |    |
| 538-501594-2011    | 501594-2011    | B    | 20                 | With solder tabs                  |            |    |    |    |
| 538-501594-3011    | 501594-3011    | B    | 30                 | With solder tabs                  |            |    |    |    |
| 538-501594-7011    | 501594-7011    | B    | 70                 | With solder tabs                  |            |    |    |    |



### 1.0mm Mated Height, Dual Row

#### Specifications:

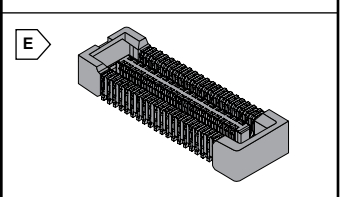
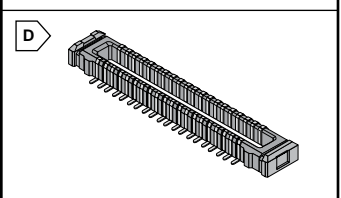
- Pitch: 0.40mm
- Mounting Style: Vertical
- Current: 0.3A
- Plating: Gold
- Termination Style: SMT
- Voltage: 50V



RoHS Compliant

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.   | Molex Part No. | Fig. | Number of Circuits | Description      | Price Each |    |    |    |
|--------------------|----------------|------|--------------------|------------------|------------|----|----|----|
|                    |                |      |                    |                  | 1          | 10 | 25 | 50 |
| <b>Receptacles</b> |                |      |                    |                  |            |    |    |    |
| 538-502426-2010    | 502426-2010    | C    | 20                 | With solder tabs |            |    |    |    |
| 538-502426-4010    | 502426-4010    | C    | 40                 | With solder tabs |            |    |    |    |
| 538-502426-6010    | 502426-6010    | C    | 60                 | With solder tabs |            |    |    |    |
| <b>Plugs</b>       |                |      |                    |                  |            |    |    |    |
| 538-502430-2010    | 502430-2010    | D    | 20                 | With solder tabs |            |    |    |    |
| 538-502430-4010    | 502430-4010    | D    | 40                 | With solder tabs |            |    |    |    |
| 538-502430-6010    | 502430-6010    | D    | 60                 | With solder tabs |            |    |    |    |



### 1.50mm Mated Height, Dual Row, 2.0MM Width

#### Specifications:

- Pitch: 0.40mm
- Mounting Style: Vertical
- Current: 0.3A
- Plating: Gold
- Termination Style: SMT
- Voltage: 50V

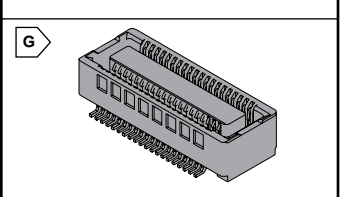
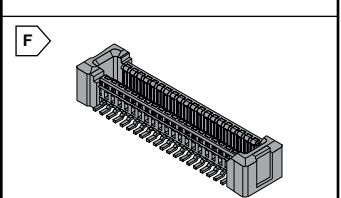


RoHS Compliant



For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.   | Molex Part No. | Fig. | Number of Circuits | Description         | Price Each |    |    |    |
|--------------------|----------------|------|--------------------|---------------------|------------|----|----|----|
|                    |                |      |                    |                     | 1          | 10 | 25 | 50 |
| <b>Receptacles</b> |                |      |                    |                     |            |    |    |    |
| 538-503105-4010    | 503105-4010    | E    | 40                 | Without solder tabs |            |    |    |    |
| 538-503105-5010    | 503105-5010    | E    | 50                 | Without solder tabs |            |    |    |    |
| <b>Plugs</b>       |                |      |                    |                     |            |    |    |    |
| 538-503108-4010    | 503108-4010    | F    | 40                 | Without solder tabs |            |    |    |    |
| 538-503108-5010    | 503108-5010    | F    | 50                 | Without solder tabs |            |    |    |    |



### 3.50mm Mated Height, Dual Row

#### Specifications:

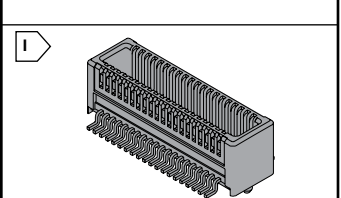
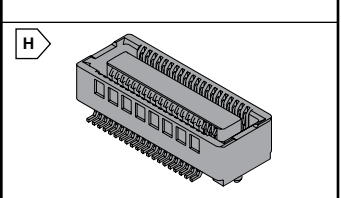
- Pitch: 0.40mm
- Mounting Style: Vertical
- Current: 0.3A
- Plating: Gold
- Termination Style: SMT
- Voltage: 30V



RoHS Compliant

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.   | Molex Part No. | Fig. | Number of Circuits | Description         | Price Each |    |    |    |
|--------------------|----------------|------|--------------------|---------------------|------------|----|----|----|
|                    |                |      |                    |                     | 1          | 10 | 25 | 50 |
| <b>Receptacles</b> |                |      |                    |                     |            |    |    |    |
| 538-54684-0704     | 54684-0704     | G    | 70                 | Without solder tabs |            |    |    |    |
| 538-54684-0904     | 54684-0904     | G    | 90                 | Without solder tabs |            |    |    |    |
| 538-54684-1204     | 54684-1204     | G    | 120                | Without solder tabs |            |    |    |    |



### 4.00mm Mated Height, Dual Row

#### Specifications:

- Pitch: 0.40mm
- Mounting Style: Vertical
- Current: 0.3A
- Plating: Gold
- Termination Style: SMT
- Voltage: 30V



RoHS Compliant

For quantities of 100 and up, call for quote.

| MOUSER STOCK NO.   | Molex Part No. | Fig. | Number of Circuits | Description               | Price Each |    |    |    |
|--------------------|----------------|------|--------------------|---------------------------|------------|----|----|----|
|                    |                |      |                    |                           | 1          | 10 | 25 | 50 |
| <b>Receptacles</b> |                |      |                    |                           |            |    |    |    |
| 538-54477-0608     | 54477-0608     | H    | 60                 | With PCB positioning pegs |            |    |    |    |
| 538-54477-0808     | 54477-0808     | H    | 80                 | With PCB positioning pegs |            |    |    |    |
| 538-54477-1208     | 54477-1208     | H    | 120                | With PCB positioning pegs |            |    |    |    |
| <b>Plugs</b>       |                |      |                    |                           |            |    |    |    |
| 538-55339-0608     | 55339-0608     | I    | 60                 | With PCB positioning pegs |            |    |    |    |
| 538-55339-0808     | 55339-0808     | I    | 80                 | With PCB positioning pegs |            |    |    |    |
| 538-55339-1208     | 55339-1208     | I    | 120                | With PCB positioning pegs |            |    |    |    |