Molex’s newest 0.40mm pitch SlimStack connectors feature the smallest width in the industry, 2.60mm, for ultra-narrow board-to-board applications.

These new connectors are available in various circuit sizes from 20-80. They come standard in embossed tape without vacuum tape, but can also be ordered with vacuum tape if needed.

Along with the smallest width dimension in the industry, these miniature connectors also include some of the smallest overall dimensions.

These narrow-width versions are designed to accommodate the continuing down-sizing of mobile phones and other mobile devices. These connectors offer many features to help designers reduce space and maintain secure electrical and mechanical contact reliability.

### Specifications:
- **Current:** 0.3A
- **Voltage:** 50V
- **Contact Plating:** Gold
- **Contact Resistance:** 80 milliohms max.
- **Insulation Resistance:** 100 megohms min.
- **Dielectric Strength:** 250V AC
- **Operating Temperature:** -20 to +85°C
- **Flammability:** UL 94V-0
- **Durability:** 30 cycles

### Features
- Ultra-narrow width, low profile and small pitch
- Bottom housing mold allows for tracing patterns
- Integral end solder/ground tabs
- Longer wire length versus competitor versions
- Tuning fork terminal and solder tab with friction lock
- Nickel barrier plating

### Benefits
- Space savings for mobile device applications
- Flexible design and space savings
- Secure PCB retention and electrical grounding
- Superior electrical contact reliability
- Secure contact reliability and protection against drop impact
- Prevents solder wicking

#### Grounding/Fitting Nail Feature
The solder nails positioned on the end of the connector also function as grounding contacts.

### MARKETS AND APPLICATIONS
- Mobile phones
- PDAs
- Digital Cameras/Camcorders
- Other Mobile Devices
## Ordering Information

**0.40mm (.016”) Pitch SlimStack™ SMT Board-to-Board Connectors, with Ultra-Narrow 2.60mm (.102”) Width**

### Plug

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### Receptacle

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*Note: All part numbers on this page come standard without vacuum tape. Contact Molex if vacuum tape required. Molex also offers test “checker” versions.*

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