

Molex's DuraClik family of connectors was designed for on-board instrumentation applications such as steering wheels and shift levers that are subject to high vibration. Automotive customers required a connector system that provided more robust features than most standard 2.00mm pitch systems, and DuraClik is meeting these needs.

This preliminary datasheet covers the planned addition of a new vertical version to the family. Based on market demand, the new vertical versions will be launched around July, 2012, in initial circuit sizes from two to eight, with other circuit sizes available based on customer requests.

DuraClik was originally introduced in a right-angle version to support market requirements. The new vertical version is designed to provide more flexibility to meet various space constraint and harness installation needs.

The new vertical version uses the same housing and terminals as the right-angle series. This provides easier sourcing, and also enables customers to set-up a mating configuration with a vertical header on one end and a right-angle header on the other. This makes it easier for operators in the assembly-line process by providing a visual mating polarization difference.

## PRELIMINARY DATASHEET

# DuraClik™ 2.00mm (.079") Pitch Wire-to-Board Connectors, Vertical, Single Row, SMT, with Anti-Vibration Features

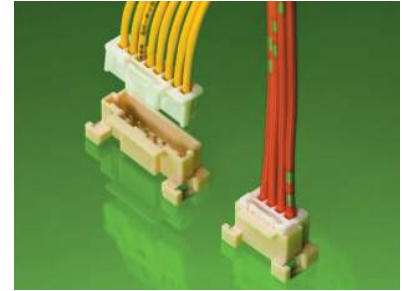
## FEATURES AND BENEFITS

### Features

- Wide solder tabs
- Audible "click" when mated
- Secure inner-lock design
- Operating temperature up to 105 degrees C
- Enclosed contact design
- Polarization features

### Benefits

- Secure PCB retention for high-vibration applications
- Added mating assurance
- Provides space savings and latch protection versus outer-locking designs
- Meets automotive passenger compartment temperature requirements
- Provides contact protection against dust and damage
- Prevent mismating



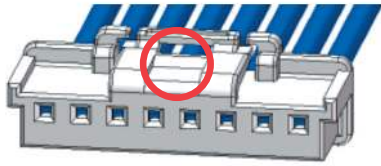
Molex's line of DuraClik connectors has expanded to include a new vertical version

## MARKETS AND APPLICATIONS

- Automotive On-Board Instrumentation
  - Wiper/Blinker lever
  - Shift lever
  - Air conditioner
  - Navigation meters
  - Steering wheel switches
- High-vibration applications
- Passenger compartment applications



## FEATURES AND BENEFITS



Inner positive lock design provides space savings and latch protection



The enclosed design of Molex's DuraClik terminal provides protection against dust and damage

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