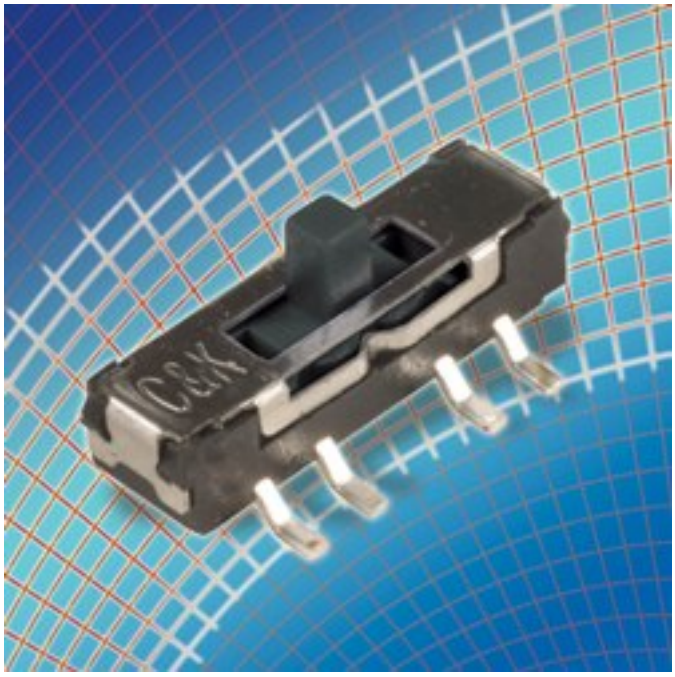
Slide Switch Suits Space-Constrained Apps



C&K Components, a leading international supplier of tact switches, toggle and rocker switches, and smart card interconnect devices, has developed a new surface-mount option for the JS Slide series of low-profile, cost-effective miniature slide switches. The double pole triple-throw subminiature slide switch (DP3T) option has a 3.5mm body height with a 2mm actuator height. The JS Slide switches are ideal for applications with limited PC board space and height restrictions, including mobile telecommunications, computers and remote control equipment.

“This latest development in our miniature slide switch family further expands the breadth of applications our customers can consider,” said Vinny Acampora, Product Manager, C&K Components. “The extended range of features in the overall family includes mounting options, contact reliability and configurations that make the slide switches ideal for applications where space constraints are a concern.”

In addition to the DP3T option, C&K also offers one- or two-pole JS Slide Series miniature switches feature only 2mm high actuators (some models as low as 1mm), making them very easy to operate. Available in single-, double- and triple-throw circuits, they are offered in surface-mount and through-hole configurations.

The highly reliable JS Series miniature slide switches are lead-free and process-compatible. Available only in maintained circuit configurations with right and center actuation options, the devices feature silver contacts and IR re-flows to 260°C solder profile.

Electrical rating is 0.3A at 6VDC, with a minimum electrical life of 10,000 cycles and actuator travel of 2mm. Designed for an operating temperature range from -10 to

+60°C, the JS Series slide switches can withstand a shock/vibration of 10Hz to 55Hz 1min sweep. The devices are available in tape and reel packaging.

About C&K Components
C&K Components is a division of CoActive Technologies, a privately held company manufacturing electromechanical switches, interface controls, keypads, dome arrays and modules. www.ck-components.com [1] .

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