

Pushwheel Switches, Subminiature, Panel Mount, Dual Button

SH6 Series pushwheel switches are the smallest panel mounted dual pushbutton code switches available. They have a snap-action detent with an audible click. The dual-purpose finger terminals may be used for direct mounting on printed circuit boards, or wire may be soldered directly to the gold-plated conductors. The SH6 is designed for several means of panel mounting: groups of any number of switches may be snapped into panel holes of proper size and retained by the integral clips (front mounting), or groups may be held in place in a panel hole by being supported from rear when the switches are PC mounted. These reliable switches are made to the same exacting requirements as the SMCD, PICOD and DPS Series.

MATERIAL SPECIFICATIONS

Moving ContactsGold-clad Ni over copper alloy
 Fixed ContactsAU over Ni
 PC BoardFR4 Glass Epoxy
 Molded PartsNoryl-SE1, black matte finish
 WindowThermoplastic resin

TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating0.4 VA @ 20 VDC (max.)
 Contact Circuit Resistance0.12 ohm max.

PERFORMANCE CHARACTERISTICS

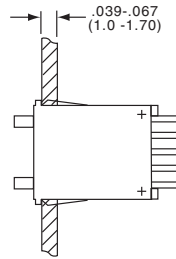
Operating ForceApprox. 11 oz.
 PC Terminal Spacing0.100"
 Character Height/Color.....0.118" White
 Life ExpectancyMore than 10⁵ operations
 Operating Temperature-20°C to +80°C

SH6 SERIES

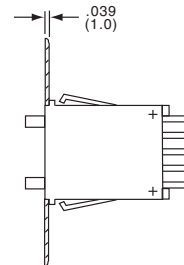


SH6131AK

FRONT MOUNTING
(See note below)



REAR MOUNTING



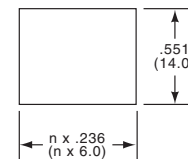
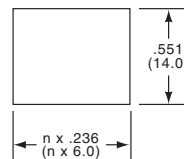
SH6 - 131 - AK

Codes

131 = BCD
 137 = BCD Complement

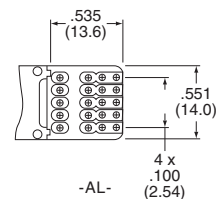
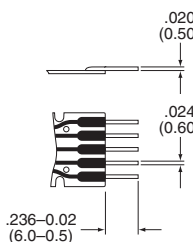
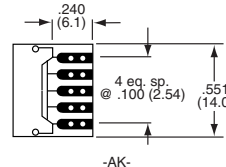
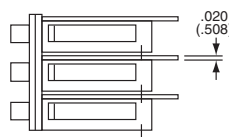
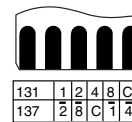
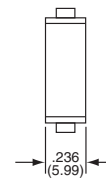
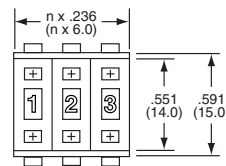
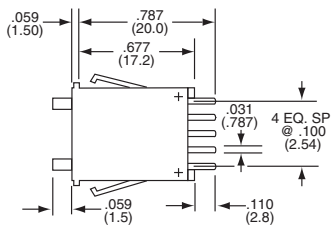
Connections

AK = pcb short
 AL = pcb long
 LS = solder pin



See Code Tables on Page J3

n = Number of switches



Note: Remove locating lugs from side of last switch to enable mounting from the front panel.

Note: Use Card Edge Connector B5LS or B5L with AK type.