# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## **SMCD SERIES MINIATURE PUSHWHEEL SWITCHES**



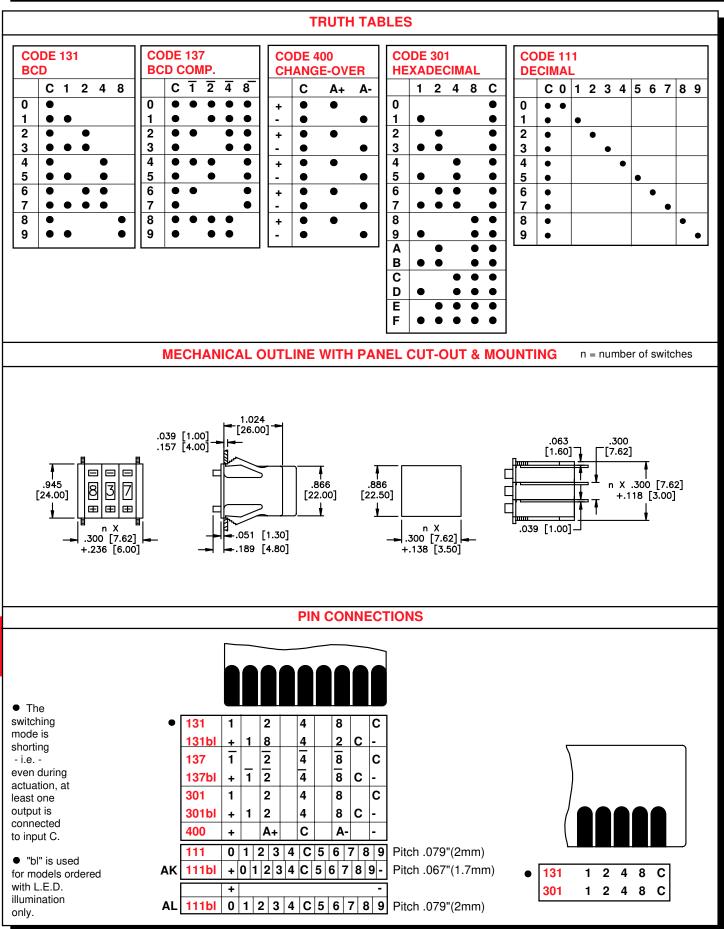
#### FEATURES

- Miniature pushwheel switches with large visible readout characters.
- Models available with ESD protection consult factory.
- Bi-directional snap action detent pushbutton mechanism.
- Black housing and drum with white printing.
- Gangable front and rear mounting models with spacers and side covers.
- Gold wiping action contacts.
- P.C. board options include solderable lands.

#### MATERIALS SMCD SPECIFICATIONS PPO Body: Panel mounting hole: Height .945"(24mm) PC board: FR 4 DIN 40802 Width .315"(8mm) IEC 249-2, Contact Installed depth with p.c. board: surface gold over Short 1.260"(32mm) nickel on copper 1.654"(42mm) Lona Insertion from front ves Sliding contact: Gold over nickel Insertion from rear yes on copper alloy CODES STANDARD COLORS Code positions marking Housing, Drum, Printing 111 Decimal 10 0-9 see truth tables 2 = black 3 = white2.2.3 131 BCD 10 0-9 see truth tables 137 BCD comp 10 0-9 see truth tables 301 Hexadecimal 16 0-9, A-F(0-15) see truth tables 400 change-over 10 +,-,+,-,etc.. see truth tables **ELECTRICAL DATA** 40 V max. Operating voltage: Contact load, static: 1 A max. Contact load, dynamic: 100 mA max. Contact resistance (type AK): less than 100 mOhm Other special features are available upon **TECHNICAL DATA** request including: Operating temperature range: -20°C to 80°C Factory or customer set stops (10 digit models) Electric life, min. switching cycles 1,000,000 L.E.D. illumination (transparent wheel) Actuation force, approx (oz.): 14 Weight, approx. (grams): Δ Red digits Character height: 10 digit .193" (4.9mm) Decimal point 16 digit .134" (3.4mm) Special codes or printing Audible click yes Gray housing Vibration DIN IEC 68, parts 2-6 yes Shock DIN 40046, part 7 See sockets at end of Pushwheel section. yes

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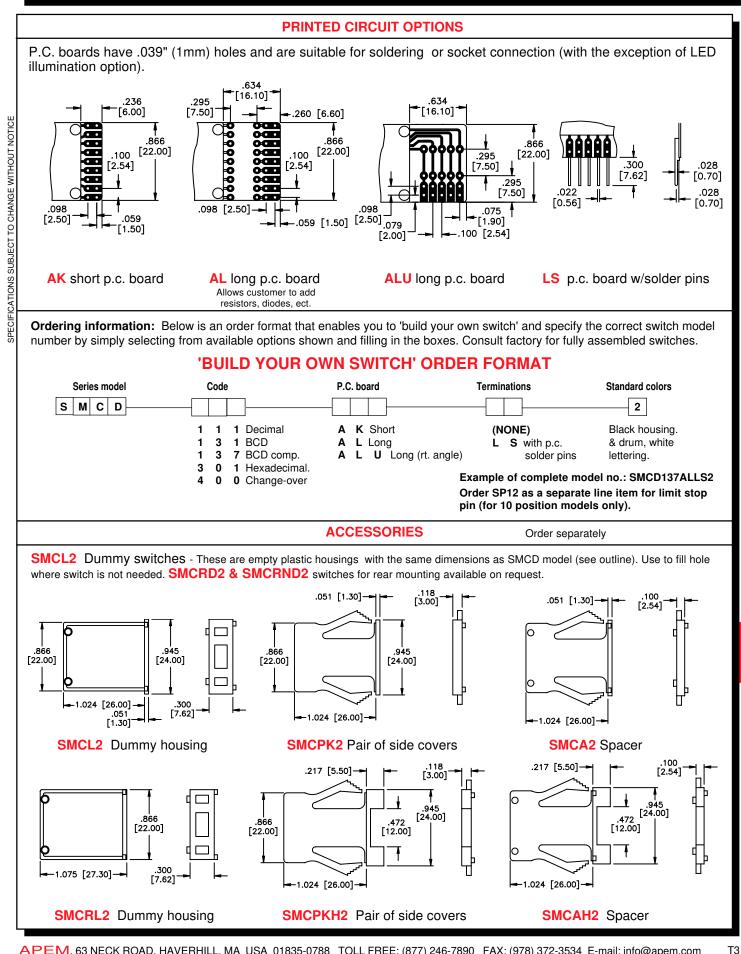
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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