# 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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#### Features/Benefits

- Snap-in front mount design for easy assembly
- 10 position models available

#### **Typical Applications**

- Test & measurement equipment
- Industrial machinery
- Computer peripherals

#### **Specifications**

CONTACT RATING: CARRY: 1 AMP continuous. SWITCH: 0.4 VA max., 100 mA max., 28 V DC max. OPERATING VOLTAGE: 50 mV to 28 V DC. ELECTRICAL LIFE: 100,000 actuations. CONTACT RESISTANCE: Below 300 m  $\Omega$  typ. @ 2-4 V DC, 100 mA. INSULATION RESISTANCE: 10<sup>9</sup>  $\Omega$  min. (dry). DIELECTRIC STRENGTH: 500 Vrms min. @ sea level between common terminal and any output. OPERATING TEMPERATURE: -10°C to 65°C.

#### Materials

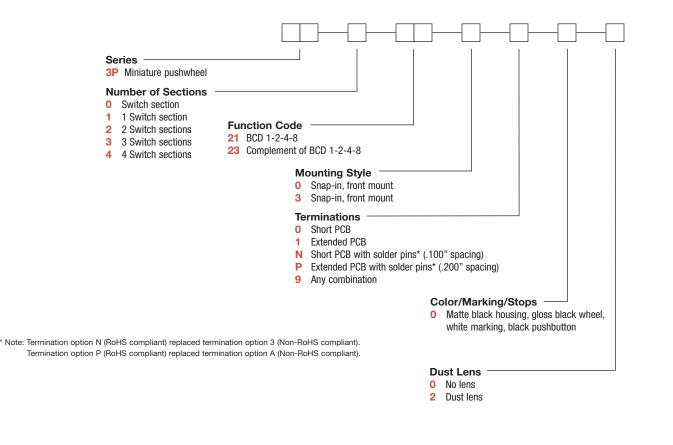
HOUSING: Polycarbonate (UL 94V-0).
PUSHWHEEL: Polycarbonate (UL 94V-0).
PUSHBUTTON: Polycarbonate (UL 94V-0).
ROTOR CONTACTS: Gold over nickel over copper alloy.
STATOR CONTACTS: Hard gold over nickel over copper on epoxy fiberglass.

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Note: All models listed are RoHS compliant. See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

#### **Build-A-Switch**

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages M-12 thru M-15. For additional options not shown in catalog, consult Customer Service Center. Consult factory for illumination availability.



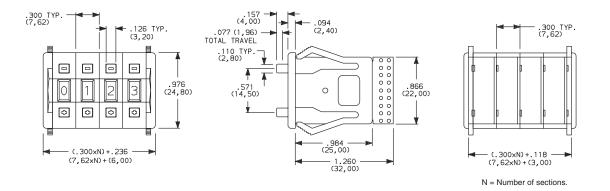


Thumbwheel & Pushwhee

## **3P Series Miniature Pushwheel Switches**

SERIES

**3P** MINIATURE PUSHWHEEL SWITCH



#### NUMBER OF SECTIONS

0 Switch section only, no endplates.

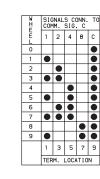
BCD 1-2-4-8, 10 POSITION

**1-4** Number of switch sections in assembly, includes endplates.

NOTE: Endplates and blank sections available separately, see page M-14.

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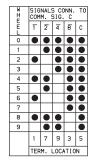




Available Terminations: P, 0, 1, N See figs. 2 & 3, page N-19.

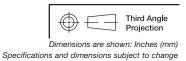
### FUNCTION CODE

23 COMPLEMENT OF BCD 1-2-4-8, 10 POSITION



Available Terminations: 0, 1, N See figs. 2 & 3, page N-19.

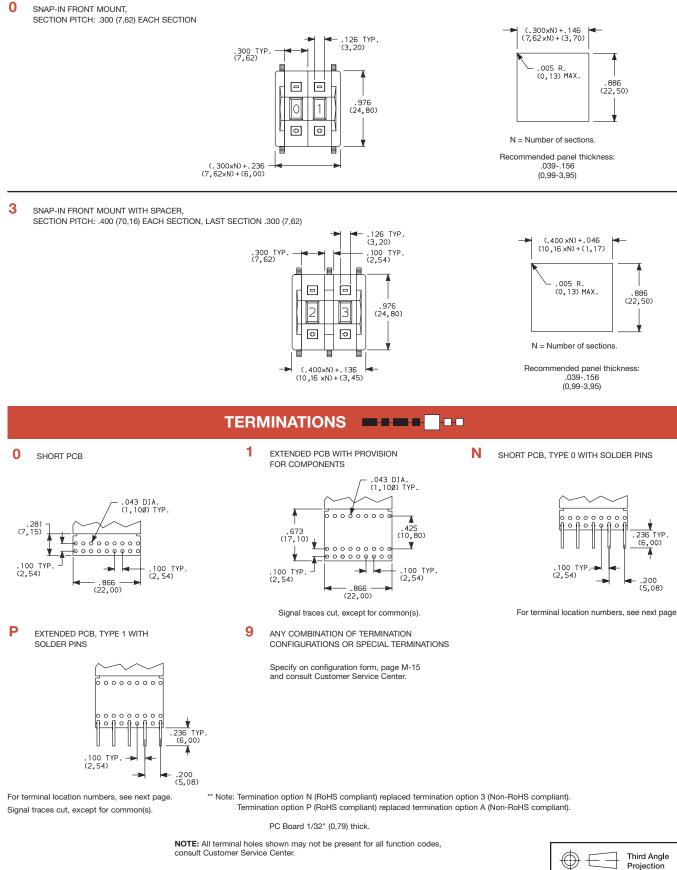
NOTE: For terminal location diagrams, see page M-14.









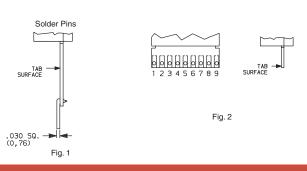




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# **3P Series Miniature Pushwheel Switches**

#### Terminal Location Numbers



#### COLOR/MARKING/STOPS

TERMINATIONS

0 MATTE BLACK HOUSING (Gloss black wheel with white characters, black pushbuttons, no stops.)

#### DUST LENS

- 0 NO LENS
- 2 DUST LENS (Protects character face of the wheel from abrasion and dust.)



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Specifications and dimensions subject to change



PART NO. 657800000

# 3P Series Miniature Pushwheel Switches

Configuration Form														C&K P							
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Dimensions are shown: Inches (mm) Specifications and dimensions subject to change

Thumbwheel & Pushwheel

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