Distinctive Characteristics

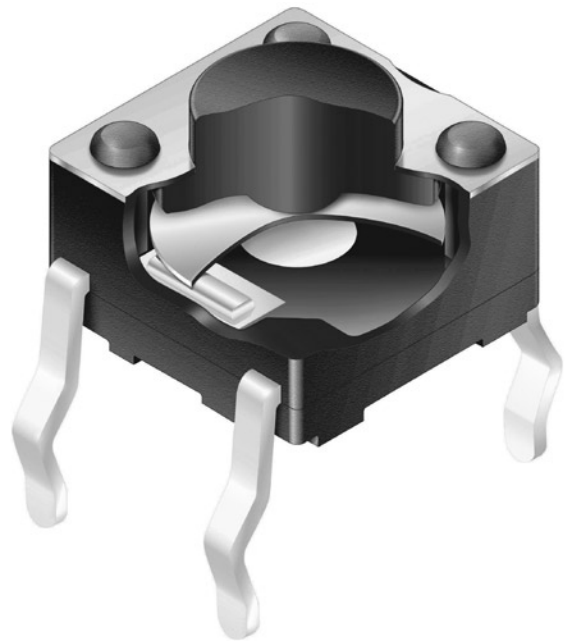.244" (6.2mm) square body allows compact mounting.

Heat resistant resin body meets lead-free solder processing requirements and UL flammability rating of 94V-0.

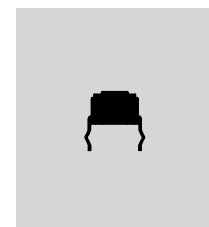Stick-tube packaging allows rapid automated placement of devices.

Gold plated contacts available for very low voltage/current applications offer advantages of little or no oxidization or sulfurization and stable contact resistance.

Crimped terminals provide a spring type action which ensures secure mounting and prevents dislodging during automated soldering.
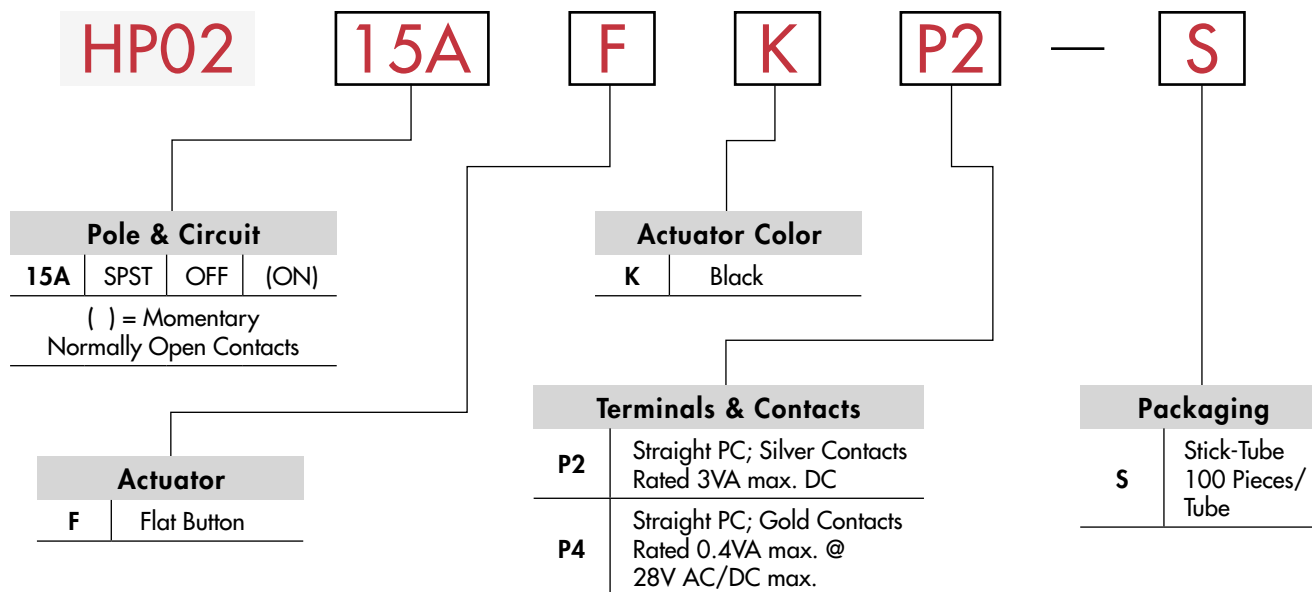
Insert molded terminals lock out flux, solvents, and other contaminants and allow automated soldering.
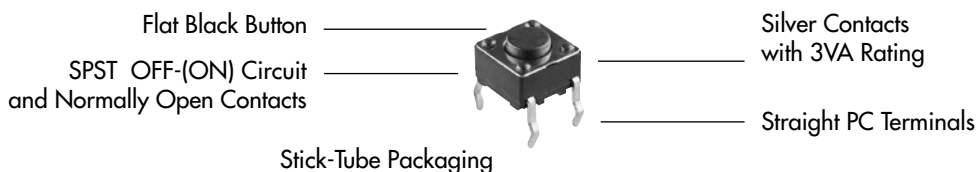
Actual Size

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

J | Tactiles

Tilt

Touch

Indicators

Accessories

Supplement

Series HP02

6mm Tactiles

Left sidebar tabs: Toggles, Rockers, Pushbuttons, Illuminated PB, Programmable, Keylocks, Rotaries, Slides, Tactiles (J), Tilt, Touch, Indicators, Accessories, Supplement

TYPICAL SWITCH ORDERING EXAMPLE

HP02 **15A** **F** **K** **P2** — **S**

Pole & Circuit

15A	SPST	OFF	(ON)

( ) = Momentary
Normally Open Contacts

Actuator

F	Flat Button

Actuator Color

K	Black

Terminals & Contacts

P2	Straight PC; Silver Contacts Rated 3VA max. DC
P4	Straight PC; Gold Contacts Rated 0.4VA max. @ 28V AC/DC max.

Packaging

S	Stick-Tube 100 Pieces/Tube

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

HP0215AFKP2-S

Flat Black Button —
SPST OFF-(ON) Circuit and Normally Open Contacts —
Silver Contacts with 3VA Rating —
Straight PC Terminals —
Stick-Tube Packaging

POLE & CIRCUIT

Pole	Model	Normal	Down	Switch Throw & Schematic	
SP	HP0215A	OFF	(ON)	SPST	Note: Terminal numbers are not actually on the switch.

Actuator Position ( ) = Momentary

TYPICAL SWITCH DIMENSIONS

Straight PC

HP0215AFKP2

(3.5) Dia .138; (6.2) .244; (6.2) .244; (0.5) Max .020; (3.5) .138; (6.7) .264; (0.8) .031; (0.3) Typ .012; (4.3) .169; (0.7) Typ .028; (4.5) .177; (1.0) Dia Typ .039; (6.7) .264; (4.5) .177

J14 www.nkk.com

NKK SWITCHES

Downloaded from Arrow.com.

Toggles

Rockers

Pushbuttons

Illuminated PB

Programmable

Keylocks

Rotaries

Slides

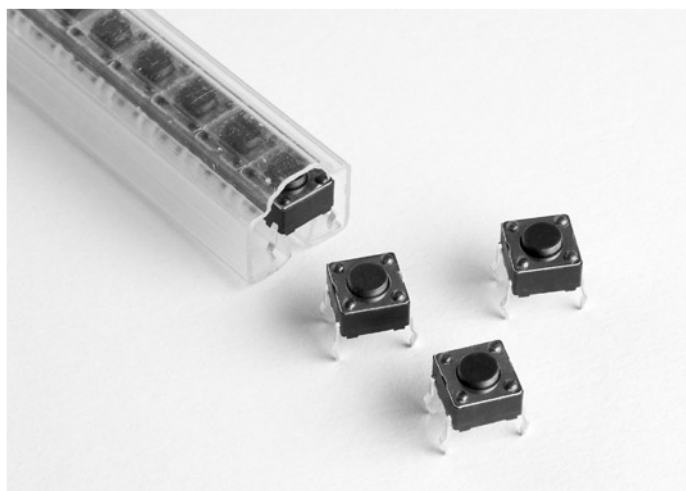**J** Tactiles
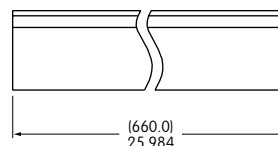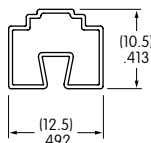
Tilt

Touch

Indicators

Accessories

Supplement
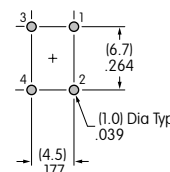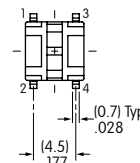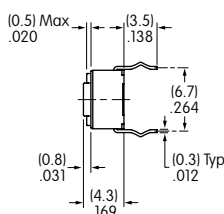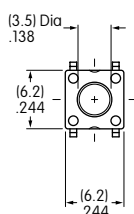
PACKAGING

S **Stick-Tube**

Switches must be ordered in 100-piece increments.

Stick-Tube Dimensions

Each stick-tube contains 100 switches.

(10.5)
.413

(12.5)
.492

(660.0)
25.984

KEYBOARD MATRIX

Common Bus Matrix

These single pole, single throw switches can be used in a keyboard matrix and, using strapped terminals, achieve a common bus electrical configuration on a single-sided PC board.
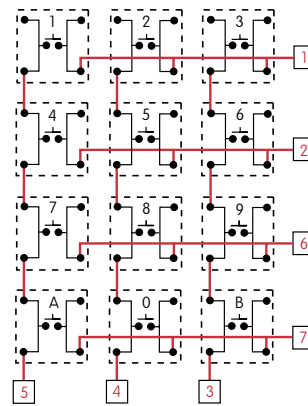
X-Y Matrix

These single pole, single throw switches can be arranged on a single-sided PC board matrix with strapped terminals to achieve an X-Y type electrical interconnection.

Red = PCB Trace   Black = Switch Circuit