

Features/Benefits

- *Positive tactile feel*
- *Variety of cap colors*
- *LED support available*
- *SPST and SPDT configurations*
- *RoHS compliant*

Typical Applications

- *Telecommunications*
- *Industrial*
- *Instrumentation*

Specifications

CONTACT RATING: Q contact material: 25mA @ 50V AC .or DC max.
ELECTRICAL LIFE: 100,000 actuations.
CONTACT RESISTANCE: Below 100 mΩ initial @ 2-4 V DC, 100 mA
INSULATION RESISTANCE: 10^9 Ω min.
DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.
OPERATING TEMPERATURE: -30°C to 65°C.
SOLDERABILITY: Per MIL-STD-202F method 208D, or EIA RS-186E method 9 (1 hour steam aging).

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

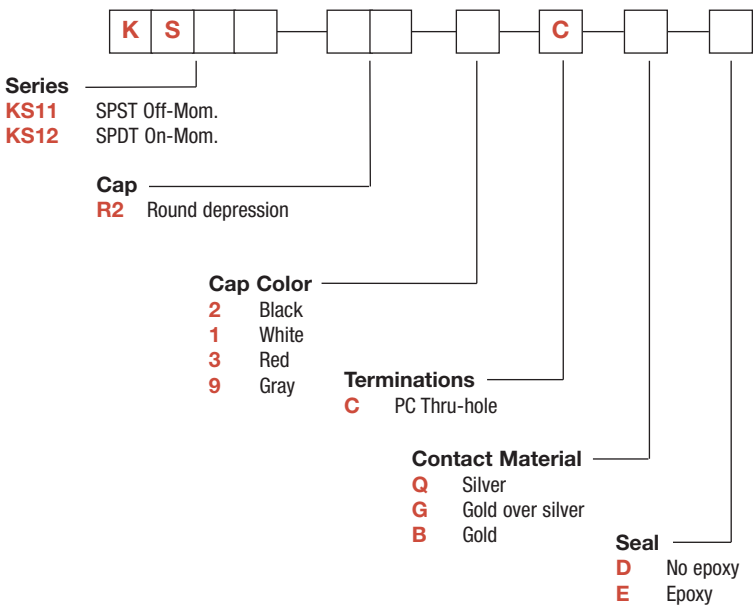
NOTE: Product to be compatible with the lead free soldering profile on Q4 2006.

Materials

CASE: Glass filled nylon (UL 94V-0).
ACTUATOR: Nylon 6/6 or ABS, matte finish, black standard.
MOVABLE CONTACT: Q contact material: Stainless steel, silver plated.
STATIONARY CONTACTS AND TERMINALS: Q contact material: copper alloy, silver plated.
TERMINAL SEAL: Epoxy

How To Order

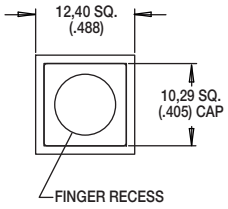
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

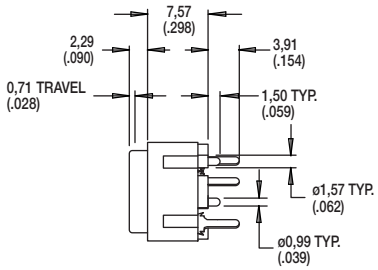


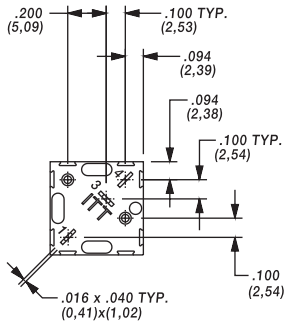
KS
Single Pole Key Switches

SERIES

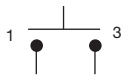
KS11 / KS12





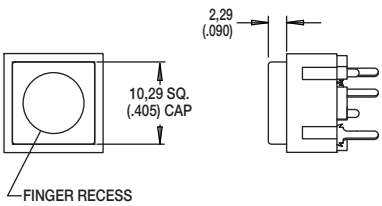




NO. POLES	MODEL NO.	SWITCH FUNCTION POS. 1	SWITCH FUNCTION POS. 2	CONNECTED TERMINALS POS. 1	CONNECTED TERMINALS POS. 2	SCHEMATIC
SP	KS11	OFF	MOM.	OPEN	1–3	SPST 
	KS12	ON	MOM.	1–4	1–3	SPDT 

CAP

R2 CAP WITH ROUND DEPRESSION



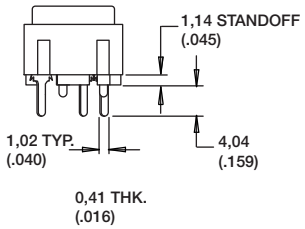
OPTION CODE	CAP COLOR
2	BLACK
1	WHITE
3	RED
9	GRAY

Third Angle Projection

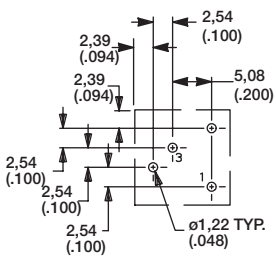
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

TERMINATION

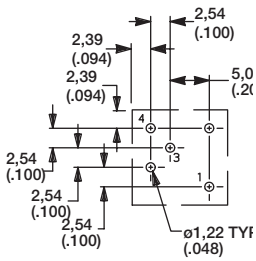
C PC THRU-HOLE



PC MOUNTING

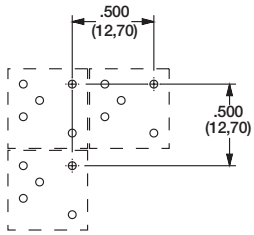


KS11



KS12

MULTIPLE SWITCH SPACING



CONTACT MATERIAL

OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATINGS	
Q	SILVER[2]	SILVER[2]	POWER	25 mA MAX. @ 50 V AC OR DC MAX.
B	GOLD[1]	GOLD[1]	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC MAX.
G	GOLD/SILVER[3]	GOLD[1]	LOW LEVEL/DRY CIRCUIT OR POWER	0.4 VA MAX. @ 20 V AC OR DC MAX. OR 25 mA MAX. @ 50 V AC OR DC MAX.

1) MOVABLE CONTACT: Stainless steel, with gold plate over nickel plate. STATIONARY CONTACTS & ALL TERMINALS: Copper alloy, with gold plate over nickel plate.

2) MOVABLE CONTACT: Stainless steel, silver plated. STATIONARY CONTACTS & ALL TERMINALS: Copper alloy, silver plated.

3) MOVABLE CONTACT: Stainless steel, with gold plate over nickel plate over silver plate. STATIONARY CONTACTS & ALL TERMINALS: Copper alloy, with gold plate over nickel plate over silver plate.

NOTE: Any models supplied with Q, B or G contact material are RoHS compliant. For the latest information regarding RoHS compliance, please go to: ww.ittcannon.com/rohs.

SEAL

D NO EPOXY SEAL

E EPOXY SEAL

