KS
Single Pole Key Switches



Features/Benefits

- ***Positive tactile feel***
- ***Variety of cap colors***
- ***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).

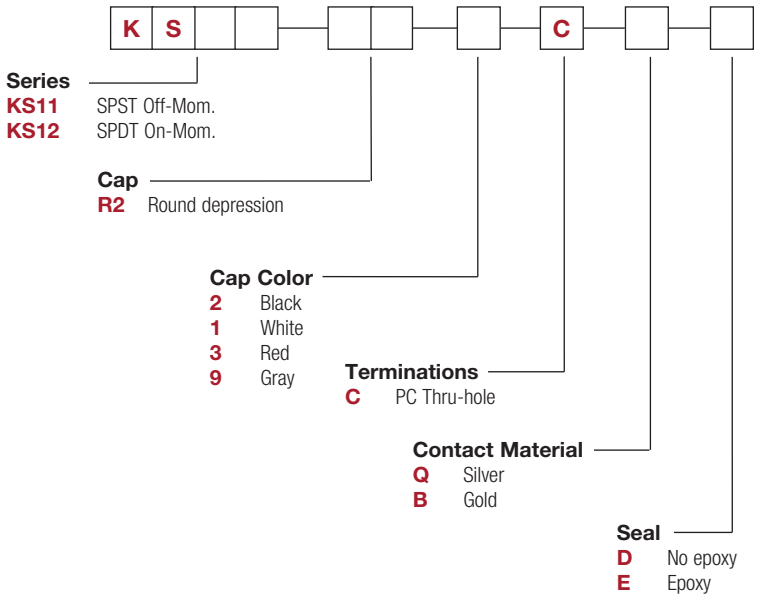
Note: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

Materials

CASE: Glass filled nylon (UL 94V-0).
ACTUATOR: 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

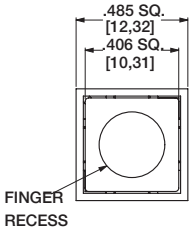
How To Order

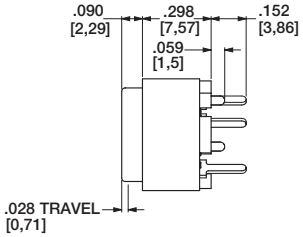
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

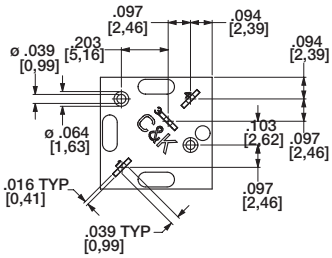


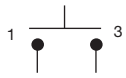
SERIES

KS11 / KS12



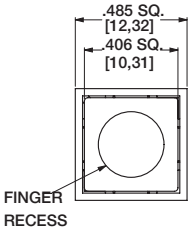


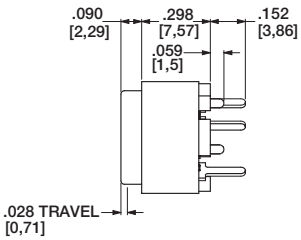


NO. POLES	MODEL NO.	SWITCH FUNCTION POS. 1	SWITCH FUNCTION POS. 2	CONNECTED TERMINALS POS. 1	CONNECTED TERMINALS POS. 2	SCHEMATIC
SP	KS11	OFF	MOM.	OPEN	1–3	SPST 
	KS12	ON	MOM.	1–4	1–3	SPDT 

CAP

R2 CAP WITH ROUND DEPRESSION





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

Third Angle Projection

Dimensions are shown: mm
Specifications and dimensions subject to change

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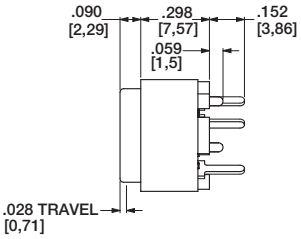
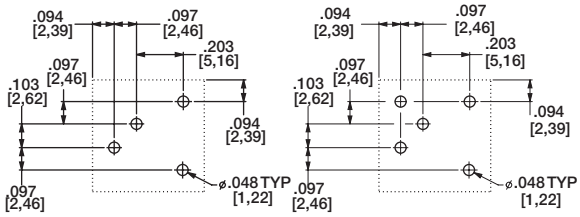
TERMINATION

C PC THRU-HOLE

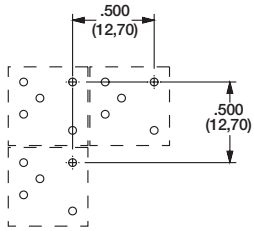


PC MOUNTING



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.

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

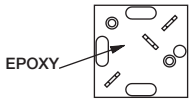
2) MOVABLE CONTACT: Stainless steel, silver plated. STATIONARY CONTACTS & ALL TERMINALS: Copper alloy, silver plated.

NOTE: Any models supplied with Q or B contact material are RoHS compliant.

SEAL

D NO EPOXY SEAL

E EPOXY SEAL



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