



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: 10⁹ 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.

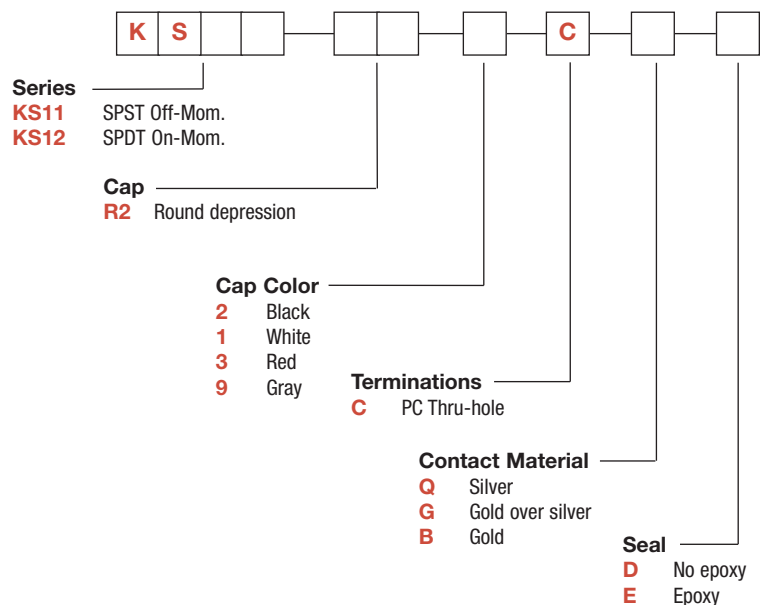
NOTE: Product to be compatible with the lead free soldering profile on Q4 2006.

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

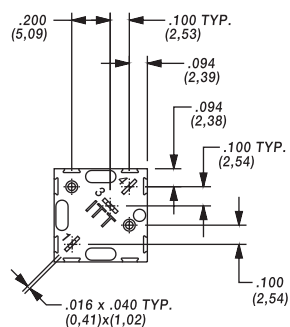
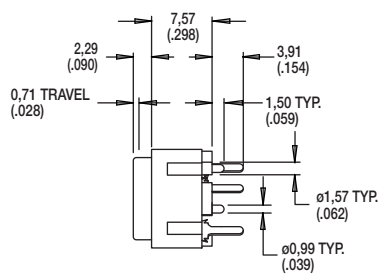
How To Order

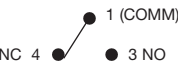
Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.



KS11 / KS12

Diagram illustrating a square finger recess. The outer square has a side length of 12.40 SQ. (.488). The inner square, which defines the recess, has a side length of 10.29 SQ. (.405) CAP. The difference between the outer and inner squares is labeled as the FINGER RECESS.



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

CAP 

10.29 SQ. (.405) CAP

2.29 (.090)

FINGER RECESS

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

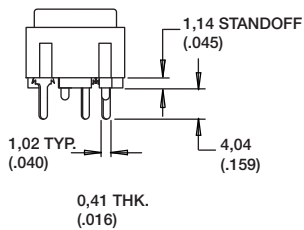


Third Angle Projection

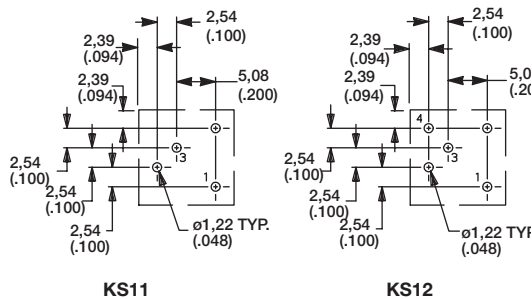
Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

KS

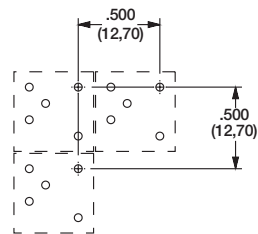
C PC THRU-HOLE



PC MOUNTING



MULTIPLE SWITCH SPACING



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graph LR
    n1[ ] --- n2[ ]
    n2 --- n3[ ]
    n3 --- n4[ ]
    n4 --- n5[ ]
    n5 --- n6[ ]
    n6 --- n7[ ]
    n7 --- null(( ))
    style n1 fill:#000,stroke:#000
    style n2 fill:#000,stroke:#000
    style n3 fill:#000,stroke:#000
    style n4 fill:#000,stroke:#000
    style n5 fill:#000,stroke:#000
    style n6 fill:#000,stroke:#000
    style n7 fill:#fff,stroke:#000
    style null fill:none,stroke:none
  
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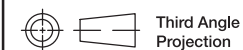
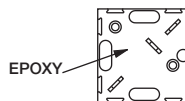
OPTION CODE	CONTACT MATERIAL	TERMINAL PLATING	RATINGS	
Q	SILVER ²	SILVER ²	POWER	25 mA MAX. @ 50 V AC OR DC MAX.
B	GOLD ¹	GOLD ¹	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @ 20 V AC OR DC MAX.
G	GOLD/SILVER ³	GOLD ¹	LOW LEVEL/DRY CIRCUIT OR POWER	0.4 VA MAX. @ 20 V AC OR DC MAX. OR 25 mA MAX. @ 50 V AC OR DC 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: www.ittcannon.com/rohs.

D NO EPOXY SEAL

E EPOXY SEAL



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Specifications and dimensions subject to change

www.ittcannon.com