

SERIES KAR SWITCHES

PIANO DIP SWITCHES



E-SWITCH™



SPECIFICATIONS

Switch Function:	SPST, 1 thru 12 positions (excluding position 11)
Contact Rating:	Switch: 25mA @24VDC; Carry: 100mA @50VDC
Insulation Resistance:	1,000 Megaohms min @ 100VDC
Contact Resistance:	Initial: 50 milliohms max After Life: 100 milliohms max
Mechanical Life:	2000 make-and-break cycles, each circuit
Operating Force:	500gf max
Dielectric Strength:	500 VAC for 60 seconds
Storage Temperature:	-40C to +85C
Operating Temperature:	-30C to +85C

FEATURES & BENEFITS

- Process sealed option
- SMT termination option
- Low profile actuator

APPLICATIONS / MARKETS

- Garage door openers
- Controller applications
- Telecommunications
- Testing/instrumentation

MATERIALS

Base & Cover:	PPS, UL94-V0
Actuator:	Nylon, UL94-V0
Movable Contacts:	Copper alloy with gold over tin plate
Terminal Contacts:	Brass with gold over tin plate

PACKAGING

Switches are supplied with all poles in the "OFF" position.

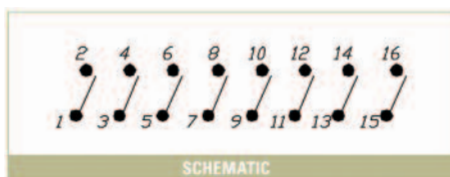
HOW TO ORDER

SERIES	MODEL NO.	NO. of POSITIONS	ACTUATOR ("L" Dimension)	TERMINATION	TERMINAL FINISH	PACKAGING
KA	☐	☐	☐	☐	☐	☐
	R = Low Profile	02 = 2 03 = 3 04 = 4 05 = 5 06 = 6 08 = 8 10 = 10 12 = 12	L = Extended S = Low Profile (w/o tape seal)	A = Splayed Pins H = Straight Pins J = J-Leads G = Gull Wing	G = Gold	T = Std. Tube Qty. (Pin Termination) R = Tape & Reel (SMT Termination only)

Example Ordering Number:

KA R 08 S H G R

Specifications subject to change without notice.

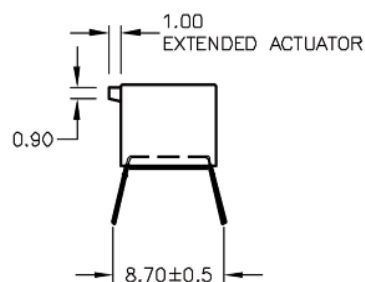
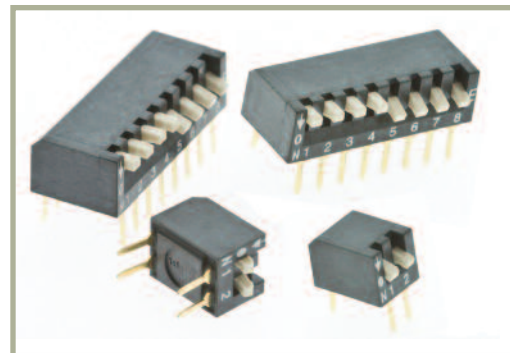
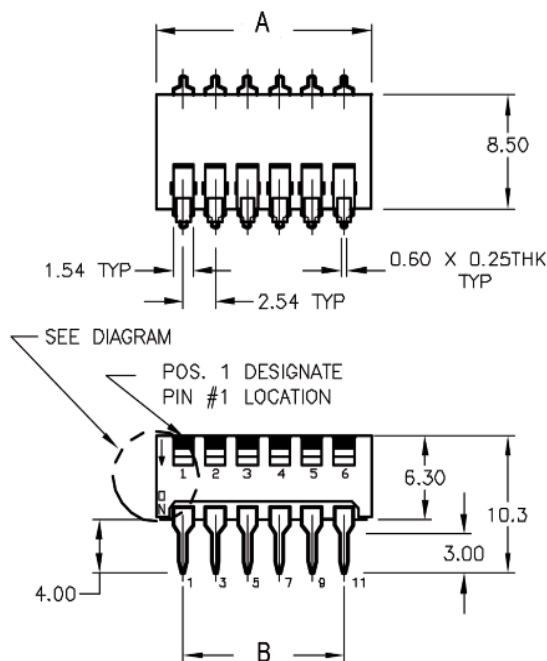


Number of Positions mm (inch)	2	3	4	5	6	7	8	9	10	12
"A" Dimension (+/- 0.3mm)	6.08 (0.23)	8.72 (0.34)	11.90 (0.46)	14.44 (0.56)	16.98 (0.66)	19.52 (0.76)	22.06 (0.86)	24.60 (0.96)	27.14 (1.06)	32.33 (1.268)
"B" Dimension (+/- 0.2mm)	2.54 (0.10)	5.08 (0.20)	7.62 (0.30)	10.16 (0.40)	12.7 (0.50)	15.24 (0.60)	17.78 (0.70)	20.32 (0.80)	22.86 (0.90)	27.94 (1.10)

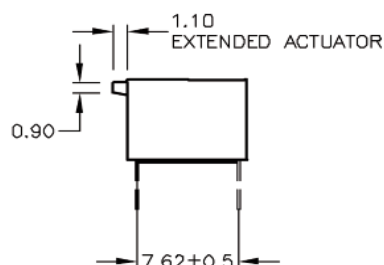
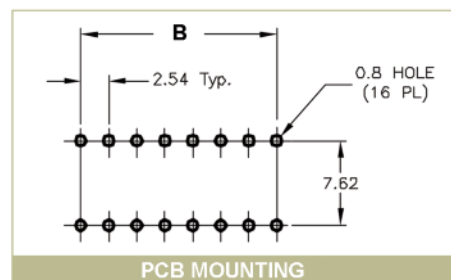
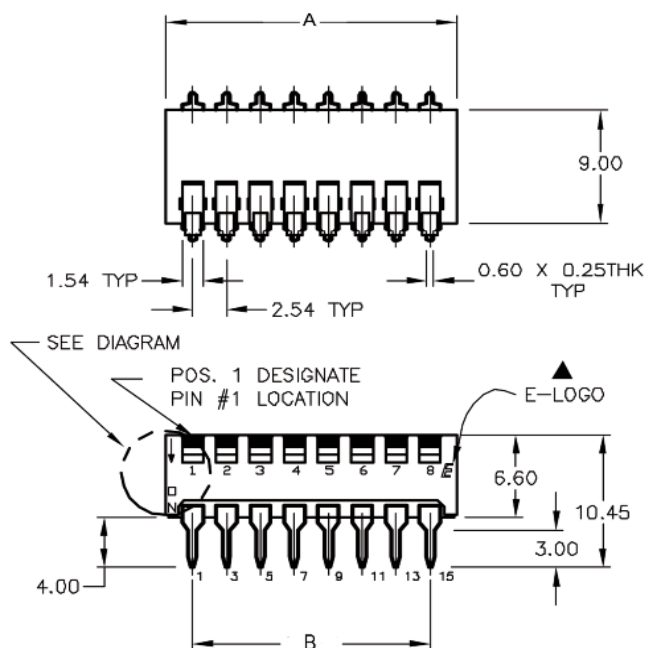
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Through Hole Termination Options

SPLAYED PIN TERMINATION - "A"



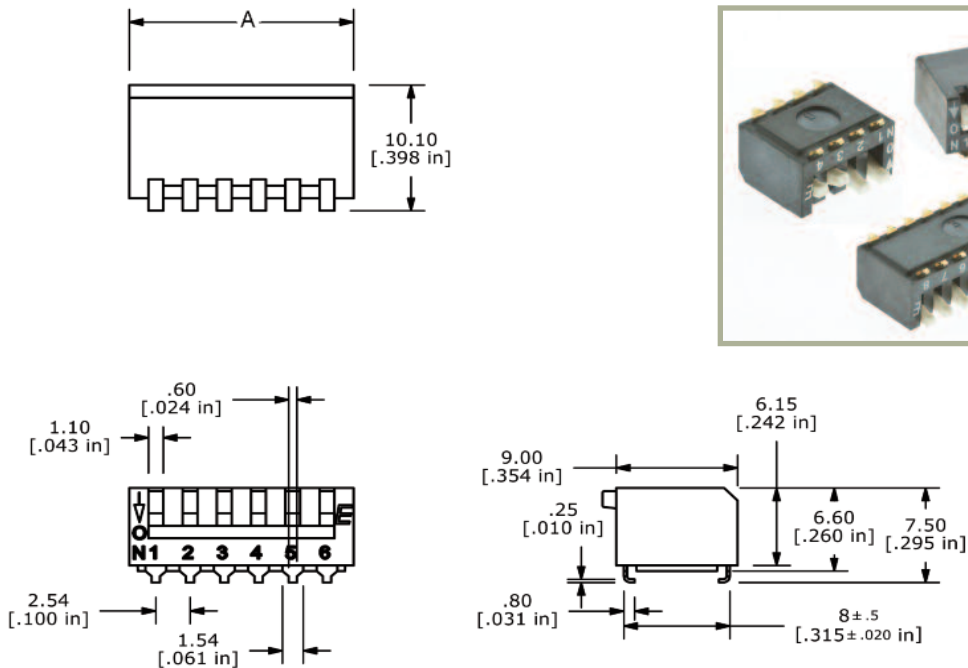
STRAIGHT PIN TERMINATION - "H"



SERIES KAR SWITCHES

SMT Termination Options

J-LEAD TERMINATION - "J"



GULL WING TERMINATION - "G"

