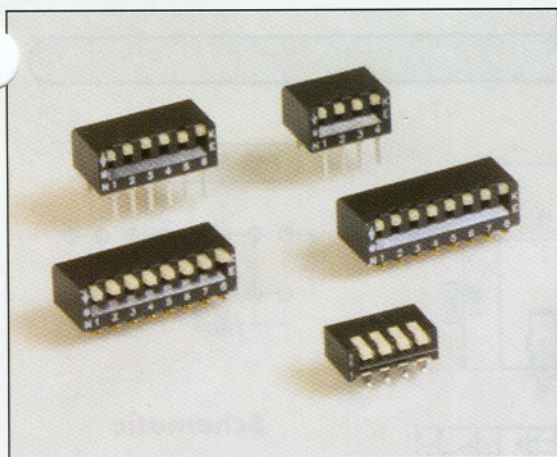
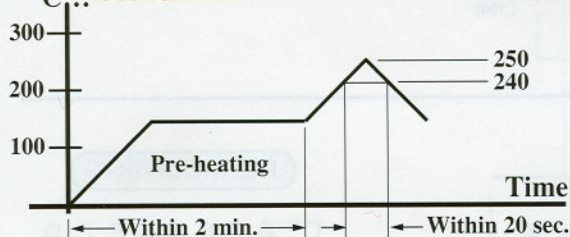




SPECIFICATIONS

Switch Function:	SPST, 1 thru 12 positions (except position 11)
Contact Rating:	Switch: 25mA @ 24V DC Carry: 100mA @ 50V DC
Insulation Resistance:	100 MΩ Min. @ 500V DC
Contact Resistance:	Initial: 50 mΩ typical @ 2-4V DC @ 100mA After Life: 100mΩ typical @ 2-4 DC @ 100mA
Operating Life:	500 make-and-break cycles, each circuit
Operating Force:	800 gf typical
Dielectric Strength:	300V RMS min. @ sea level between adjacent terminals
Temperature Range:	Operating/Storage: -40° C to 85° C
Vibration:	To MIL-STD-202F, Method 201 A
Shock:	To MIL-STD-202F, Method 213B, Condition A
Soldering:	
Recommendations:	Wave: 500F (260 C) for 5s max; Hand: 30W soldering iron @ 608 F (320 C) for 2s typical. Keep all switches in the "ON" position during soldering and cleaning process. For Surface Mount (SMT), see recommended temperature profile (at left)

TYPICAL SMT TEMPERATURE PROFILE



MATERIALS

Base and Cover:	Liquid Crystal Polymer (LCP), UL94-V0
Actuator:	Nylon, UL94-V0
Contacts:	Copper alloy with gold plate over nickel plate
Terminals:	SMT: Copper alloy with gold plate over nickel plate
	Switching mechanism is sealed with Teflon tape with adhesive.
Tape:	

PACKAGING

Switches are supplied in standard IC tubes with all poles "ON".

HOW TO ORDER

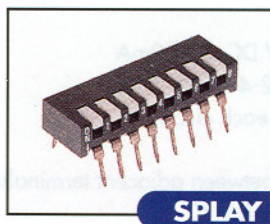
Series	Model No.	No. of Positions	Actuator	Termination	Terminal Finish	Packaging
KA						
	R=Low Profile Process Sealed Piano Type	02=2 03=3 04=4 05=5 06=6 08=8 10=10	L=Extended S=Low Profile w/o Tape Seal	A=Splayed Pins H=Straight Pins J=J-Leads G=Gull Wing	G=Gold	T=Std. Tube Qty. (Splay Termination) R=Tape and Reel (SMT Termination)

EXAMPLE

KA → R → 02 → 1 → 06 → G → R

PROCESSES SEALED PIANO DIP SWITCHES

TERMINATION OPTIONS

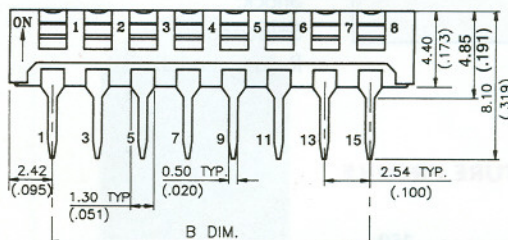
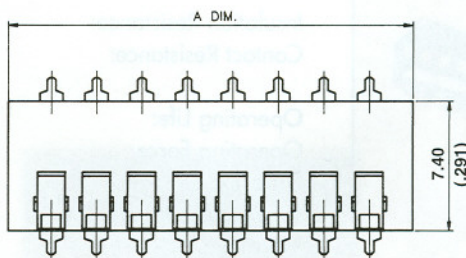
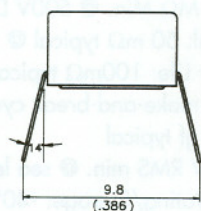


SPLAY

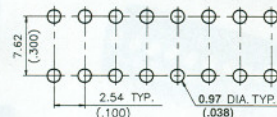
9.80 mm Spacing

Splay for Automatic IC Machine Insertion.

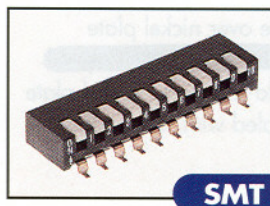
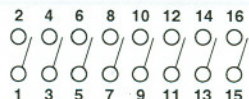
Position 1 denotes Pin No. 1.



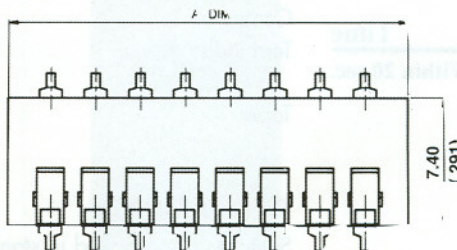
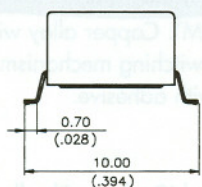
P.C. MOUNTING



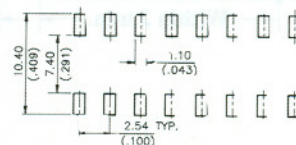
Schematic



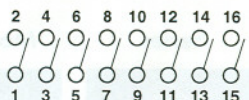
SMT



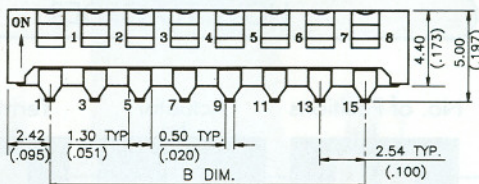
P.C. MOUNTING



Schematic



Gull Wing

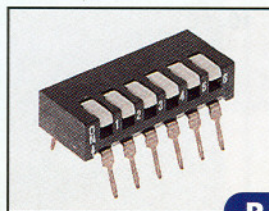


Position 1 denotes Pin No. 1.

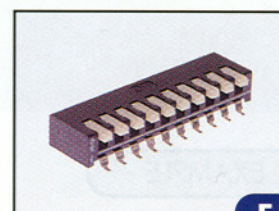
NUMBER OF POSITIONS

Positions:	2	4	6	8	10
"A"	7.37	12.45	17.53	22.61	27.69
Dimension:	(.290)	(.490)	(.690)	(.890)	(1.090)
"B"	2.54	7.62	12.7	17.78	22.86
Dimension:	(.100)	(.300)	(.500)	(.700)	(.900)

ACTUATOR OPTIONS



R
Recessed



E
Extended