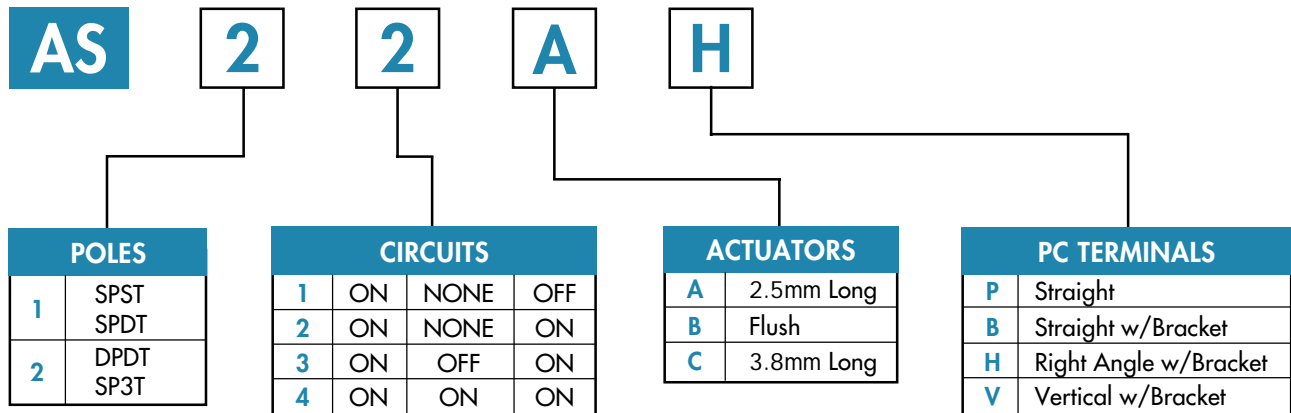


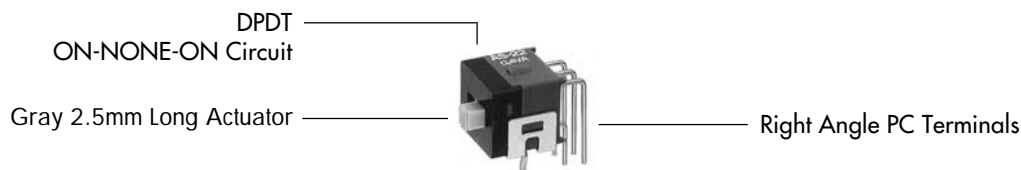


TYPICAL SWITCH ORDERING EXAMPLE



DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

AS22AH



- General Specifications
- Dimensions 1
- Dimensions 2

POLES & CIRCUITS

Pole	Model	Slide Position () = Momentary			Connected Terminals			Throw & Schematics
		Left	Center	Right	Left	Center	Right	
SP	AS11	ON	NONE	OFF	3-1	OPEN	OPEN	SPST
SP	AS12 AS13	ON ON	NONE OFF	ON ON	2-1 2-1	OPEN OPEN	2-3 2-3	SPDT
DP	AS22 AS23	ON ON	NONE OFF	ON ON	2-1 5-4 2-1 5-4	OPEN OPEN	2-3 5-6 2-3 5-6	DPDT
For 3 Throw (3-On)								
Connected Terminals & Schematics					External Connection			
Pole	Model	Left		Center	Right		The SP3T model utilizes a double pole base. External connections must be made during field installation.	
SP	AS24	ON		ON	ON			
		 2-1 5-4		 2-3 5-4	 2-3 5-6			



GENERAL SPECIFICATIONS

Electrical Capacity (Resistive Load)

Logic Level: 0.4VA maximum @ 28V AC/DC maximum
(Applicable Range 0.1mA ~ 0.1A @ 20mV ~ 28V)

Note: See [Supplement Index](#) to find explanation of operating range.

Other Ratings

Contact Resistance: 50 milliohms maximum
Insulation Resistance: 500 megohms minimum @ 500V DC
Dielectric Strength: 500V AC minimum
Mechanical Life: 50,000 operations minimum
Electrical Life: 50,000 operations minimum
Nominal Operating Force: 260 grams
Contact Timing: Nonshorting (break-before-make)
Travel: 2.1mm (.082") pretravel; 0.4mm (.016") overtravel; 2.5mm (.098") total travel

Materials & Finishes

Actuator: Fiberglass reinforced polyamide
Upper Case Housing: Carbon composite polyacetal (antistatic)
Lower Case Housing: Fiberglass reinforced polyamide
Support Bracket: Tin plated phosphor bronze
Movable Contact: Phosphor bronze with gold plating over silver plating
Stationary Contacts: Brass with gold plating over nickel plating
Terminals: Brass with gold plating over nickel plating

Environmental Data

Operating Temp Range: -30°C through +85°C (-22°F through +185°F)
Humidity: 90 ~ 95% humidity for 96 hours @ 40°C (104°F)
Vibration: 10 ~ 55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range & returning in 1 minute; 3 right angled directions for 2 hours
Shock: 50g acceleration (tested in 6 right angled directions, with 3 shocks in each direction)

Installation

Soldering Time & Temperature: 3 seconds @ 350°C or 5 seconds @ 270°C
Process Seal: Not available

Standards & Certifications

IECQ Approved: All slide models approved at 0.4VA maximum @ 28V AC/DC maximum
Qualification Approval Number: JP792-5A

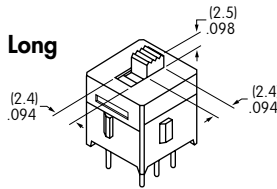


Series A

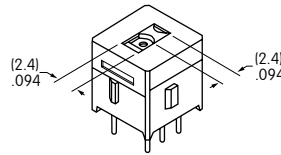
Subminiature Slide Switches

ACTUATORS

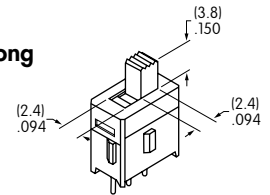
A 2.5mm Long



B Flush



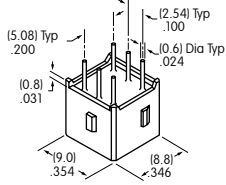
C 3.8mm Long



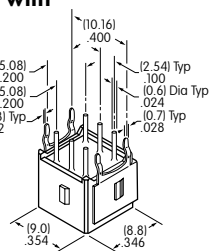
Actuator Color: Gray standard Contact factory for other colors.

PC TERMINALS

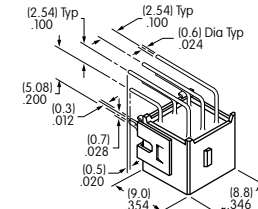
P Straight



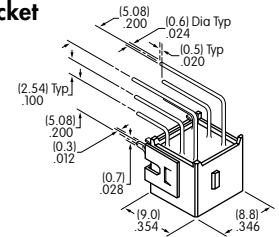
B Straight with Bracket



H Right Angle with Bracket



V Vertical with Bracket



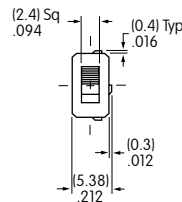
Use of a support bracket is recommended to increase PCB mounting stability.

TYPICAL SWITCH DIMENSIONS

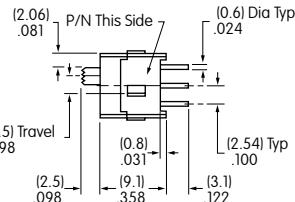
Straight PC



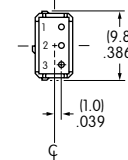
AS12AP



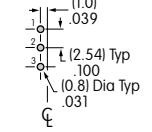
Single Pole



Actuator shown in LEFT position.



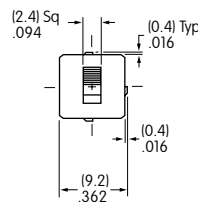
Single throw models do not have terminal 2.



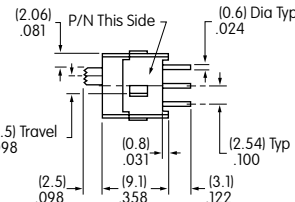
Straight PC



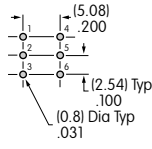
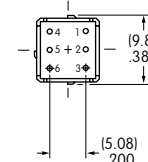
AS22AP



Double Pole



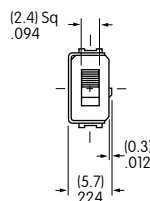
Actuator shown in LEFT position.



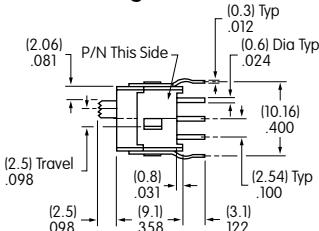
Straight PC • Bracket



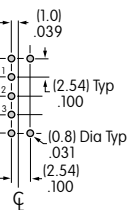
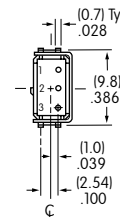
AS12AB



Single Pole



Actuator shown in LEFT position.





Series A

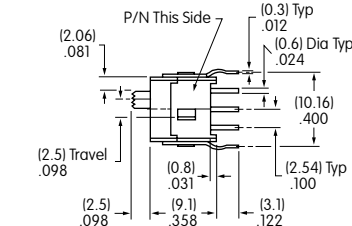
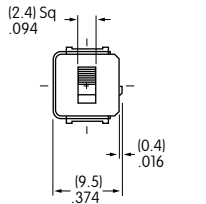
Subminiature Slide Switches

TYPICAL SWITCH DIMENSIONS

Straight PC • Bracket

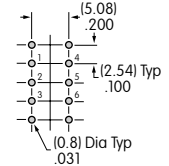
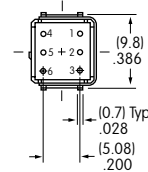


AS22AB



Actuator shown in LEFT position.

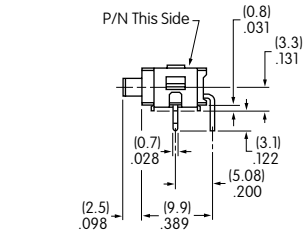
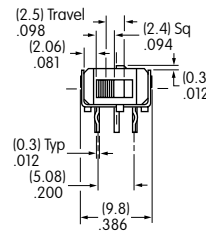
Double Pole



Right Angle PC

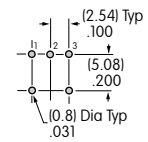
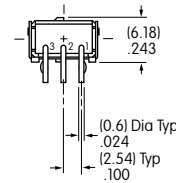


AS12AH



Actuator shown in LEFT position.

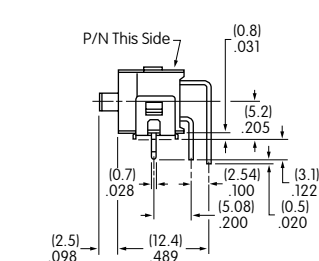
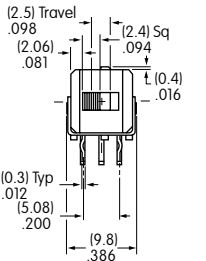
Single Pole



Right Angle PC

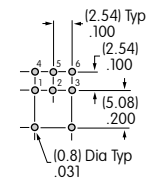
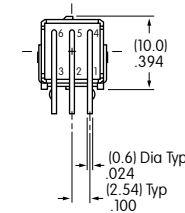


AS22AH



Actuator shown in LEFT position.

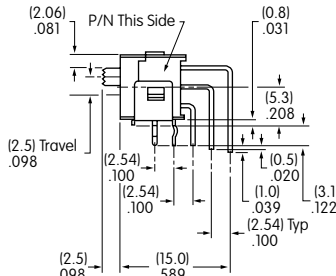
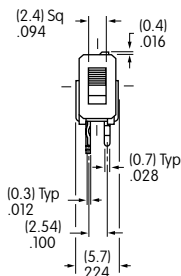
Double Pole



Vertical PC

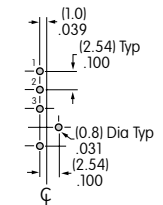
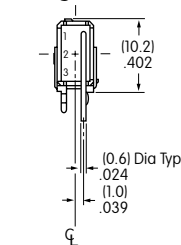


AS12AV



Actuator shown in LEFT position.

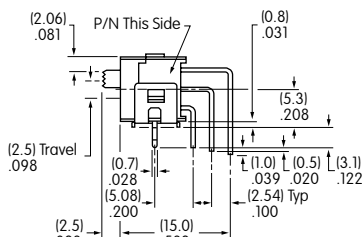
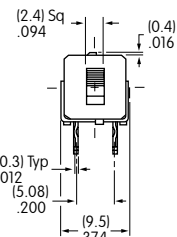
Single Pole



Vertical PC



AS22AV



Actuator shown in LEFT position.

Double Pole

