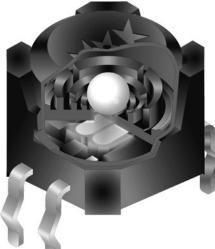
Distinctive Characteristics

DSA

Environmentally friendly, contains no mercury. High contact reliability due to sealed body. The switch is triggered when tilted beyond ±10° of the horizontal. PCB adaptor available as an accessory.





DSB

Photo interrupter, rather than contacts, ensures high reliability. 1 million operations minimum.

Sealed construction for protection from environmental elements, including hydrogen sulfide, sulfur dioxide, and nitrogen hydroxide. Terminals are made of ammonia-resistant materials.

Totally sealed body allows process compatibility for timeand money-saving automatic soldering and cleaning.

Space-saving compact dimensions allow high density mounting.

Internal steel ball movement allows functionality of 360° circumference rotation.

The DSB series switch is well-suited to meet product safety concerns due to normally closed (on) status.

Crimped terminals ensure secure mounting and prevent dislodging during wave soldering.

The switch is triggered when tilted beyond ±30° of the horizontal.



DSA

DSB

Rockers

Touch



Series DS

Toggles

Rockers

DSA SWITCH PART NUMBER & DESCRIPTION



DSA SWITCH SPECIFICATIONS

Illuminated PB Pushbuttons		DSA01
	DSA SWITCH SPECIFICATIONS	
Programmable		Mechanical & Electrical Specifications
ogran	Poles and Circuits:	Single Pole Single Throw ON – OFF
Pro	Operating Range:	ON Angle = 10° ~ 170°; OFF Angle = 190° ~ 350°
ocks	Resistive Load:	0.1A @ 12V DC
Keylocks	Contact Resistance:	100 milliohms maximum
	Insulation Resistance:	50 megohms minimum @ 250V DC
Rotaries	Dielectric Strength:	250V AC for 1 minute minimum between terminals
	Mechanical Life:	100,000 operations minimum
	Electrical Life:	100,000 operations minimum
S		
Slides		Materials & Finishes
Tactiles	Housing:	PBT
	Rubber Rings:	Nitrile Butadiene Rubber
	Contact Balls: Terminals:	Brass with Silver Plating
		Brass with Silver Plating
≢ <mark>K</mark>	Environmental Specifications	
	Operating Temperature Range:	–10°C ~ +70°C (+14°F ~ +158°F)
	Storage Temperature Range:	–25°C ~ +85°C (–13°F ~ +185°F)
Touch	Contact Bounce (for reference):	500ms maximum
	Humidity:	90% humidity for 96 hours @ 40°C (104°F)
	Vibration (for reference):	Frequency range 10Hz ~ 500Hz for 2 hours; 2 directions; Acceleration: 0.2G
Indicators	Notes:	 Do not install switch near vibration source. Terminals should not be exposed to liquid.
ories		Processing for AT094 PCB Adaptor
Accessories	Soldering (with PCB Mount Holder):	Wave Soldering: See Profile A in Supplement section. Manual Soldering: See Profile B in Supplement section.
Supplement	Automated Cleaning:	Hand clean locally using alcohol based solution.
Su		

