

# AK Series

HiGe-End Pushbutton Switches

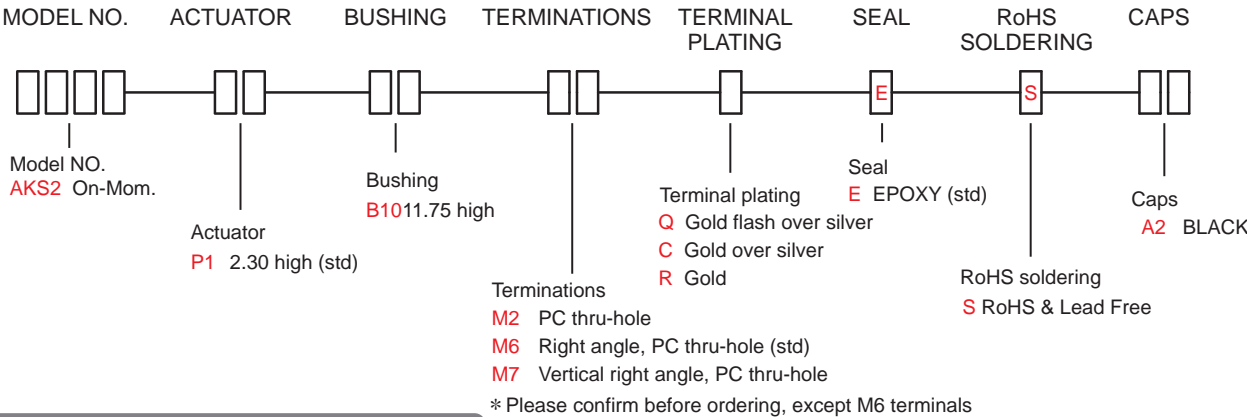
## SPECIFICATIONS

**MECHANICAL LIFE:** 50,000 make-and-break cycles.  
**CONTACT RESISTANCE:** 20 mΩ max. Initial @ 2-4VDC  
100mA for both silver and gold plated contacts.  
**INSULATION RESISTANCE:** 1,000 MΩ min.  
**DIELECTRIC STRENGTH:** 500 Vrms min. @sea level.  
**OPERATING TEMPERATURE:** -30°C to 85°C.  
**DEGREE OF PROTECTION:** IP65  
**UL 61058-1 Approved**

## MATERIALS

**CASE & BUSHING :** Glass filled Nylon 6/6, flame retardant, heat stabilized (UL 94v-0).  
**PLUNGER:** Brass,nickel plated.  
**SWITCH SUPPORT:** Brass or steel, tin plate.  
**SWITCH SUPPORT RETAINER:** Stainless steel.  
**CONTACTS :** Phosphor bronze with silver coin.  
**ALL TERMINALS :** Brass,with silver or gold plated.  
**TERMINAL SEAL :** Epoxy.

## HOW TO ORDER



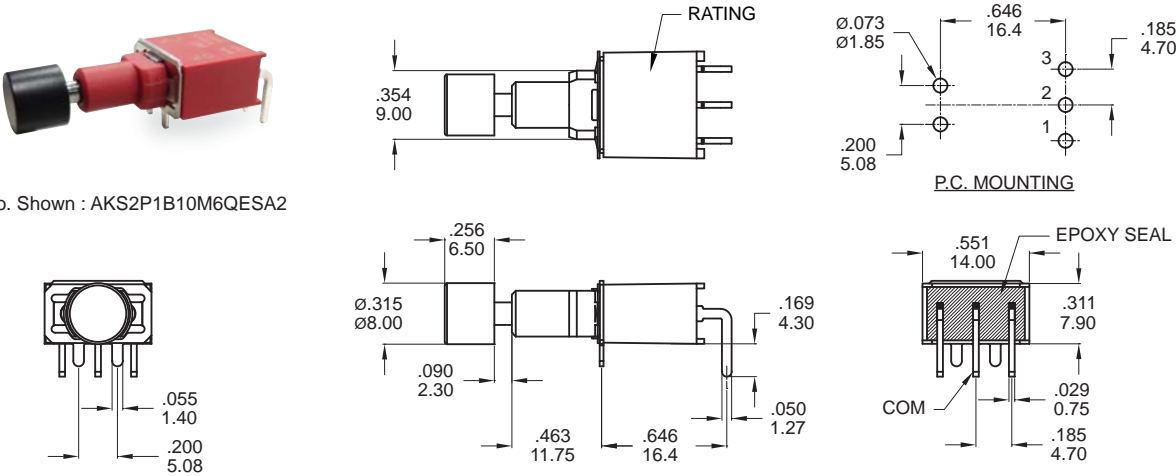
## SWITCH FUNCTION

MODEL NO.	SWITCH FUNCTION		CONNECTED TERMINALS / SCHEMATIC	
	POS.1	POS.2	POS.1	POS.2
AKS2	ON	MOM	2-3 NC 3 • 2 (COMM) • 1 NO	2-1 NC 3 • 2 (COMM) • 1 NO

MOM=MOMENTARY

## POLE OPTIONS

M6



## CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS
Q	Silver	Gold flash over silver	6 Amps @125 VAC 3 Amps @250 VAC 3 Amps @30VDC
C	Gold over Silver	Gold over silver	3 Amps @30VDC
R	Gold	Gold	0.4 Volt-Amps(VA) max. @20V max. (AC or DC)

