

AK Series

High-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.

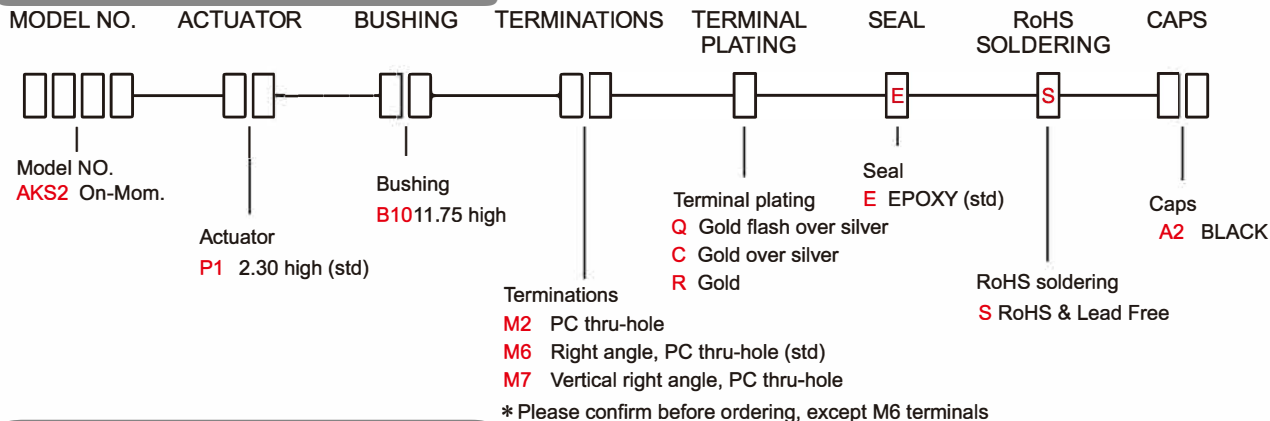
CONTACTS : Phosphor bronze with silver coin.

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	(ON)	2-3 NC 3 • 2 (COMM) • 1 NO	2-1 NC 3 • 2 (COMM) • 1 NO

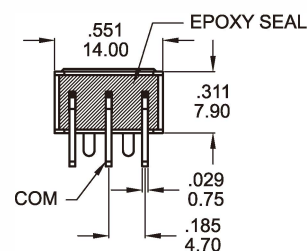
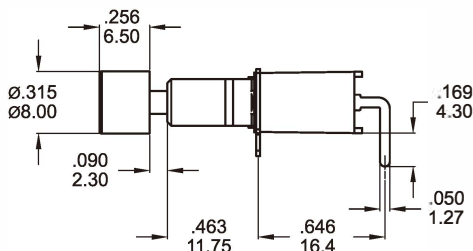
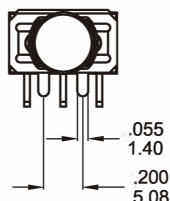
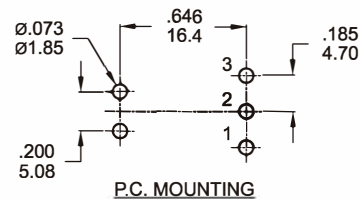
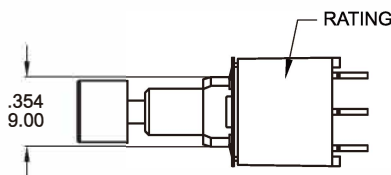
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POLE OPTIONS

M6



Part No. Shown : AKS2P1B10M6QESA2



CONTACT MATERIAL OPTIONS

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

