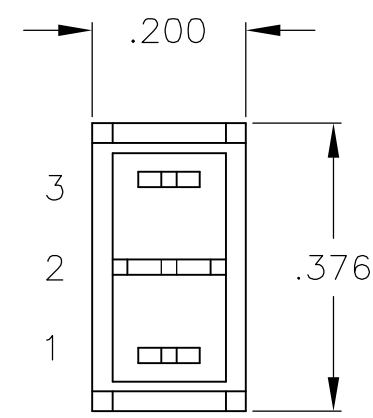
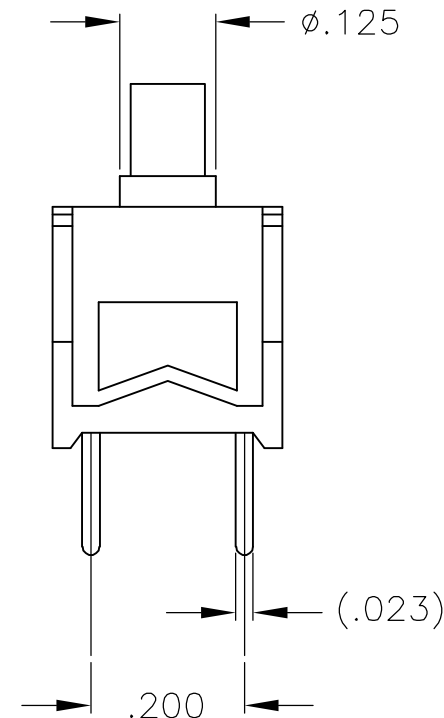
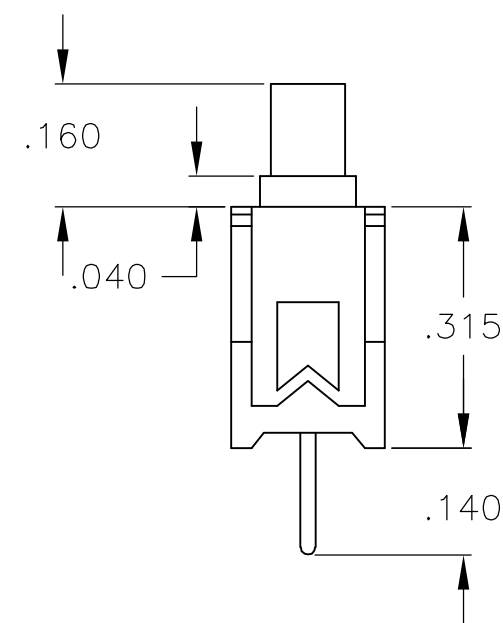
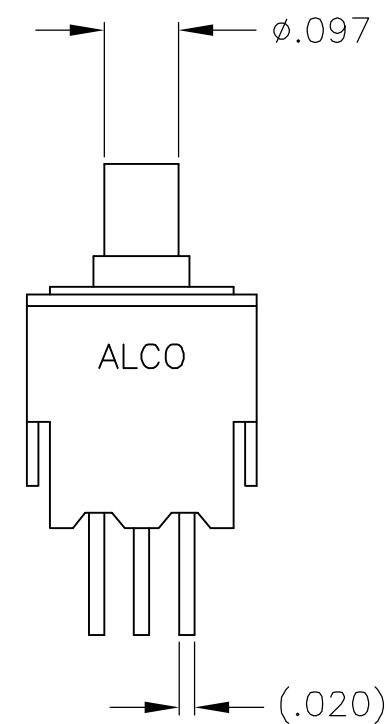
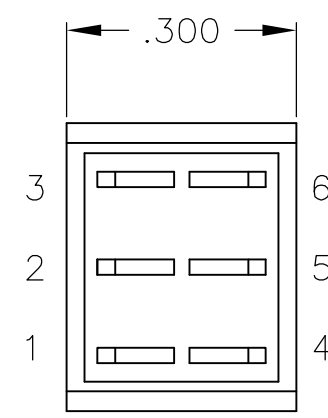




SINGLE POLE

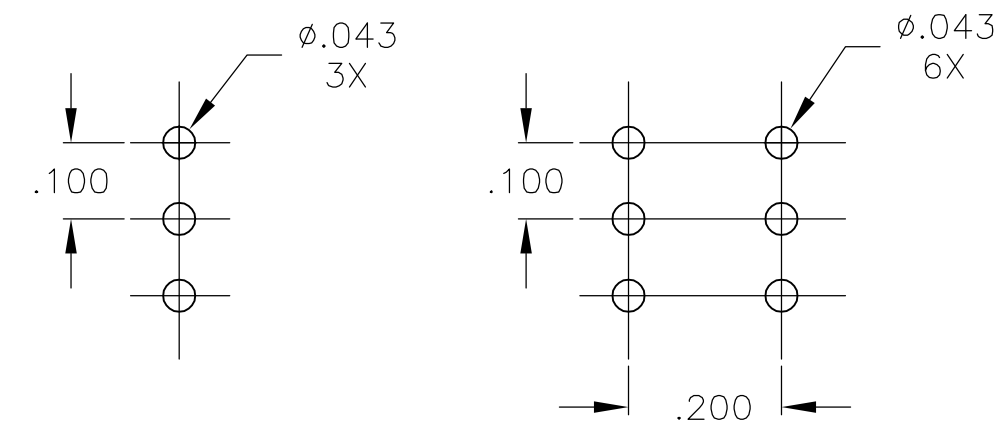


DOUBLE POLE

NOTES:

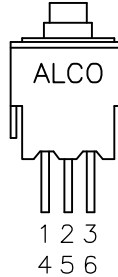
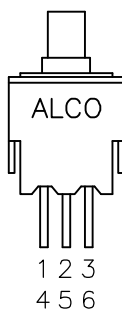
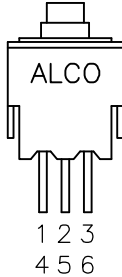
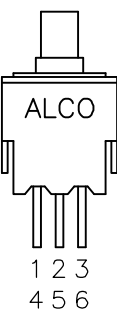
1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2003/95/EC OF 27JAN2003 (ROHS).

MATERIALS		
COMPONENT NAME	BASE MATERIAL	FINISH
HOUSING	PBT, UL94 V-0, GRAY	
FRAME	BRASS	NICKEL
BUTTON	PBT, UL94 HB, BLACK	
MOVABLE CONTACT	PHOSPHOR BRONZE	GOLD OVER NICKEL
TERMINAL (CONTACT AREA)	PHOSPHOR BRONZE	GOLD OVER NICKEL
TERMINAL (SOLDER AREA)	PHOSPHOR BRONZE	GOLD OVER NICKEL



PCB LAYOUTS

SPECIFICATIONS	
CURRENT RATING, MAX.	50mA @ 48 VDC OR PEAK AC (2.4VA)
CURRENT RATING, MIN.	1μA @ 20 VDC OR PEAK AC (.02VA)
TERMINATION RESISTANCE	50 MILLIOHMS MAX AT 1.5mA 200μVAC
INSULATION RESISTANCE	1000 MEGOHMS MIN @ 500 VDC
DIELECTRIC WITHSTANDING VOLTAGE	500 V RMS AT SEA LEVEL
OPERATING TEMPERATURE	-20°C to +85°C
STORAGE TEMPERATURE	-40°C to +85°C
PLUNGER TRAVEL	.047±.010
ELECTRICAL LIFE	
50mA @ 48 VDC OR PEAK AC	10,000 CYCLES
1μA @ 20 VDC OR PEAK AC	50,000 CYCLES
.4VA MAX @ 20 VDC OR PEAK AC	

1-2,4-5	2-3,5-6	(ON)	ON	.120	PC	2	2	APA2RGPC04	1825173-5
2-1	2-3	(ON)	ON	.120	PC	2	1	APA1FGPC04	1825173-3
1-3	OFF	(ON)	OFF	.120	PC	1	1	APA1CGPC04	1825173-2
OFF	1-3	(OFF)	ON	.120	PC	1	1	APA1BGPC04	1825173-1
				ACTUATOR LENGTH	TERMINAL	THROWS	POLES	ALCO P/N	TYCO P/N
1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6						
TERMINALS CONNECTED		FUNCTION							

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MOHAN		28NOV05		tyco Electronics		Tyco Electronics Corporation					
		CHK —		—		Harrisburg, PA 17105-3608							
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD —		NAME							
INCHES				PRODUCT SPEC —		APA SERIES PUSHBUTTON SWITCH, PC TERMINALS							
				APPLICATION SPEC —									
		MATERIAL		FINISH		WEIGHT —		SIZE A2		CAGE CODE 00779		DRAWING NO C-1825173	
—		—		CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 1		REV Δ			

Mouser Electronics

Authorized Distributor

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