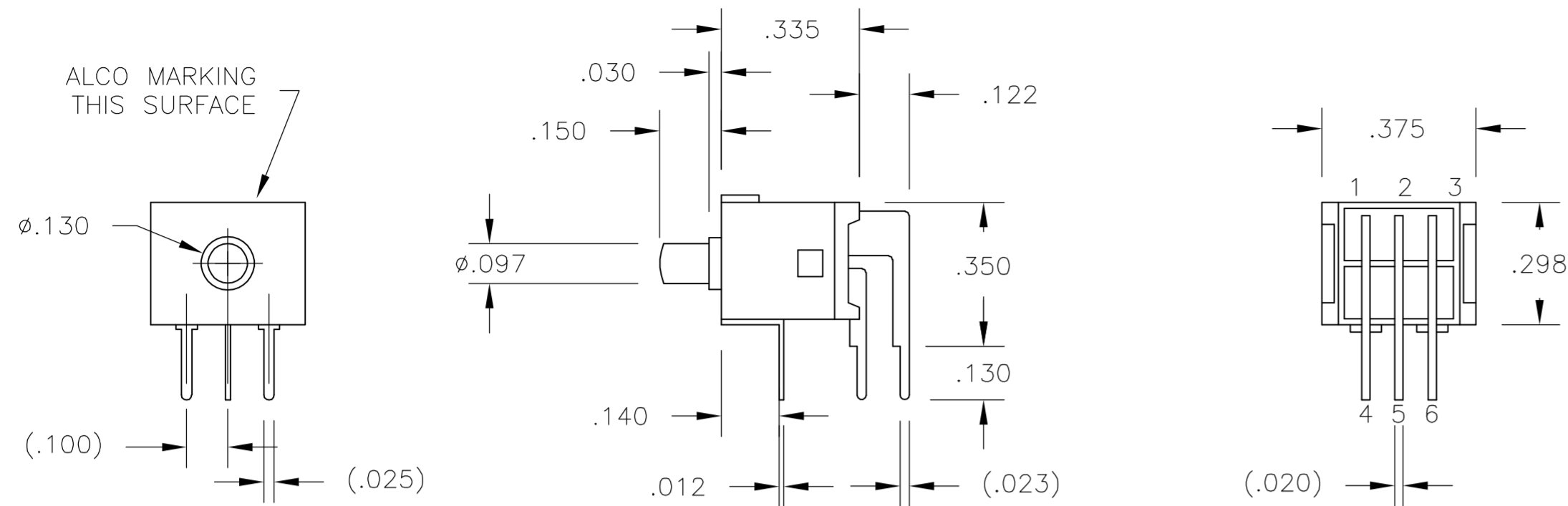


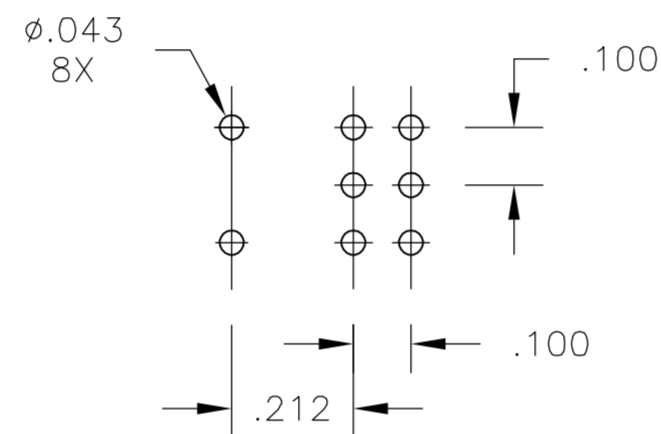
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	A	DRAWING CREATED	30NOV05	MKC



NOTES:

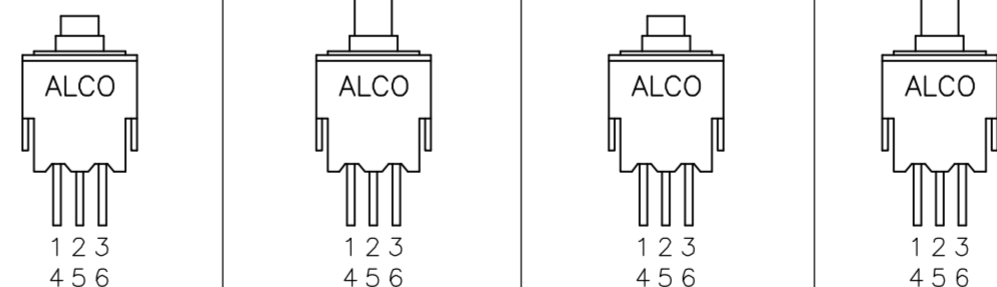
1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2003/95/EC OF 27JAN2003 (ROHS).



MATERIALS		
COMPONENT NAME	BASE MATERIAL	FINISH
HOUSING	PBT, UL94 V-0, GRAY	
FRAME	BRASS	NICKEL
SUPPORT BRACKET	PHOSPHOR BRONZE	TIN
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

SPECIFICATIONS	
CURRENT RATING, MAX.	50mA @ 48 VDC OR PEAK AC (2.4VA)
CURRENT RATING, MIN.	1 μ A @ 20 VDC OR PEAK AC (.02VA)
TERMINATION RESISTANCE	50 MILLIOHMS MAX AT 1.5mA 200 μ VAC
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 \pm .010
ELECTRICAL LIFE	
50mA @ 48 VDC OR PEAK AC	10,000 CYCLES
1 μ A @ 20 VDC OR PEAK AC	50,000 CYCLES
.4VA MAX @ 20 VDC OR PEAK AC	

TERMINALS CONNECTED	FUNCTION	ACTUATOR LENGTH	TERMINAL	THROWS	POLES	ALCO P/N	TYCO P/N
1-2,4-5	(ON) ON	.120	RA	2	2	APA2RGRA04	1825175-2
1-3,4-6	(ON) OFF	.120	RA	1	2	APA2MGRA04	1825175-1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN MOHAN 30NOV05
 CHK -
 APVD -

PRODUCT SPEC -
 APPLICATION SPEC -

WEIGHT -

SCALE 3:1 SHEET 1 OF 1 REV A

Customer Drawing

TYCO Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608

APA SERIES PUSH BUTTON SWITCH, RA TERMINALS, 2 POLE

SIZE A2 CAGE CODE 00779 DRAWING NO C=1825175 RESTRICTED TO -