

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A	REVISED PER ECO-05-012969	11-25-05	HMR	—

SPECIFICATIONS:

MATERIALS:

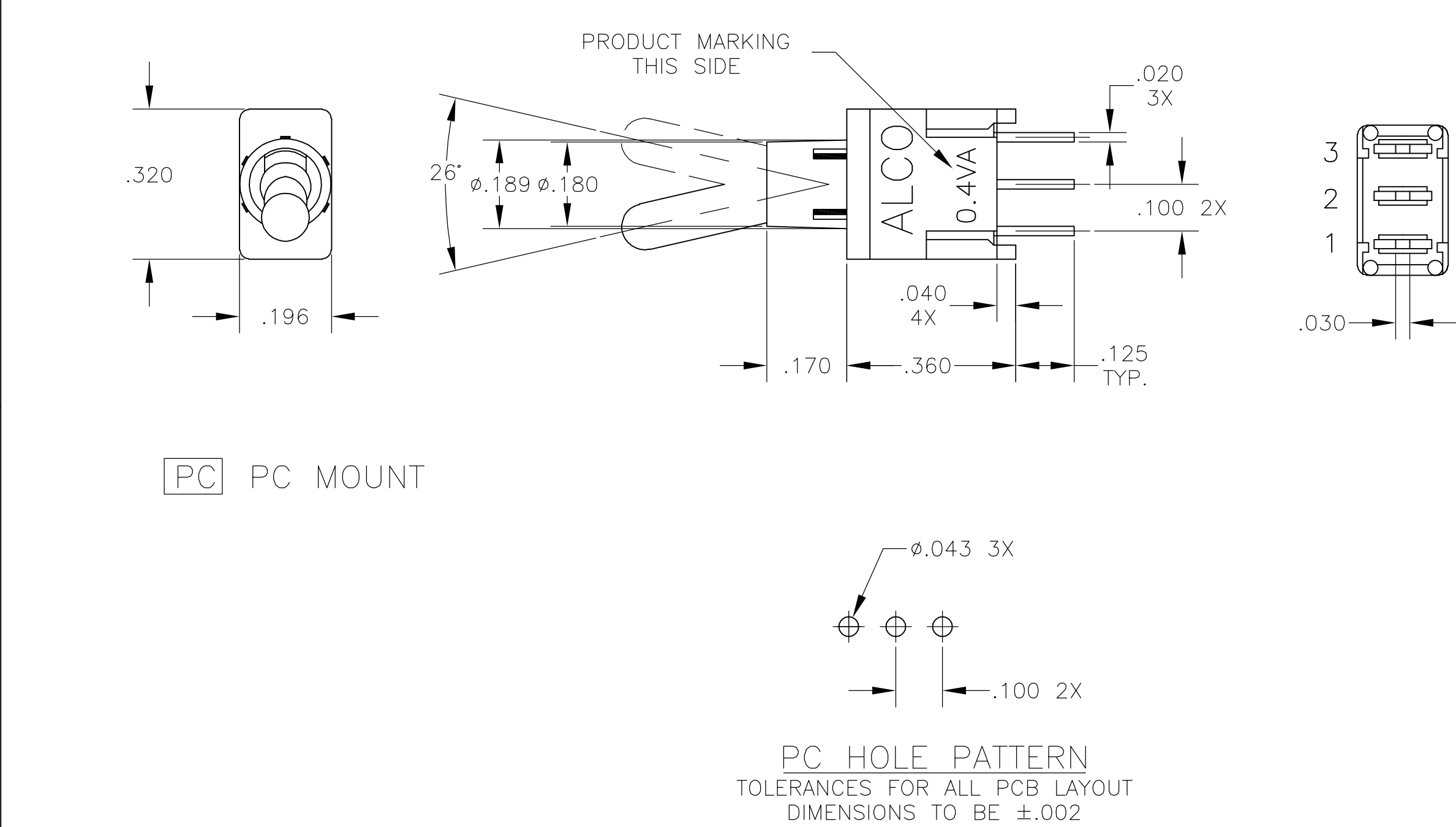
CASE & BUSHING : LCP
BRACKET : STEEL, TIN OVER COPPER PLATED
O-RING : NITRILE
LEVER : BRASS, NICKEL PLATED
SPRING : MUSIC WIRE
RETAINING PLATE : STEEL, NICKEL PLATED
PLUNGER : STAINLESS STEEL
INSULATOR : PTFE
MOVEABLE CONTACT : BRASS OR COPPER ALLOY, GOLD OVER NICKEL PLATED
TERMINALS : BRASS, TIN OVER NICKEL IN SOLDER AREA AND GOLD OVER Ni IN CONTACT AREA

ELECTRICAL:

CONTACT RATING : 0.4 VA @ 20 VDC OR PEAK AC
INITIAL CONATCT RESISTANCE: 20 MILLIOHMS MAX.
INSULATION RESISTANCE : 1,000 MEGOHMS AT 500 VDC MIN.
DIELECTRIC STRENGTH : 1,000 VOLTS RMS AT SEA LEVEL
LIFE EXPECTANCY : 2 POSITION: 80,000 CYCLES
3 POSITION: 60,000 CYCLES
MOMENTARY: 30,000 CYCLES

ENVIRONMENTAL:

OPERATING TEMPERATURE : -22°F TO +185°F (-30°C TO +85°C)
STORAGE TEMPERATURE : -67°F TO +185°F (-55°C TO +85°C)



NOTES:

1. ALL METATERIALS & FINISHES COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

PART NUMBERING SEQUENCE

MODEL	NO. OF POLES	CONTACT RATINGS	FUNCTION	CONTACT PLATINGS	TERMINATIONS	ACTUATOR	BUSHING (PLAIN)	TAPE & REEL PKGNG.	ROHS
TST	1	1	D ON NONE ON E ON OFF ON F ON NONE (ON) G (ON) OFF (ON) H ON OFF (ON)	G	PC PC PCV P.C. WITH BRACKET RA RIGHT ANGLE VRA VERTICAL RIGHT ANGLE	1 .206" 2 .250" 4 .400"	D	TR	04

FUNCTION CHART				
THE FOLLOWING FUNCTIONS AVAILABLE IN SINGLE POLE				
NONE INDICATES NO MECHANICAL POSITION.	D 2 POSITIONS	ON	NONE	ON
OFF INDICATES A MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION.	E 3 POSITIONS	ON	OFF	ON
(ON) INDICATES MOMENTARY ACTION.	F 2 POSITIONS	ON	NONE	(ON)
	G 3 POSITIONS	(ON)	OFF	(ON)
	H 3 POSITIONS	ON	OFF	(ON)
TERMINALS CONNECTED:		1-2	—	2-3

ROHS PARTS	
TYCO P/N	ALCO P/N
1825455-1	TST11DGPC1D04
1825455-2	TST11DGPCV1D04
1825455-3	TST11DGRA1D04
1825455-4	TST11DGVRA1D04
1825455-5	TST11EGPC4D04

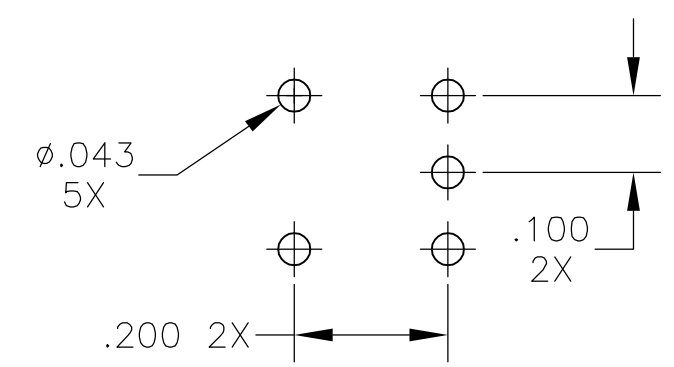
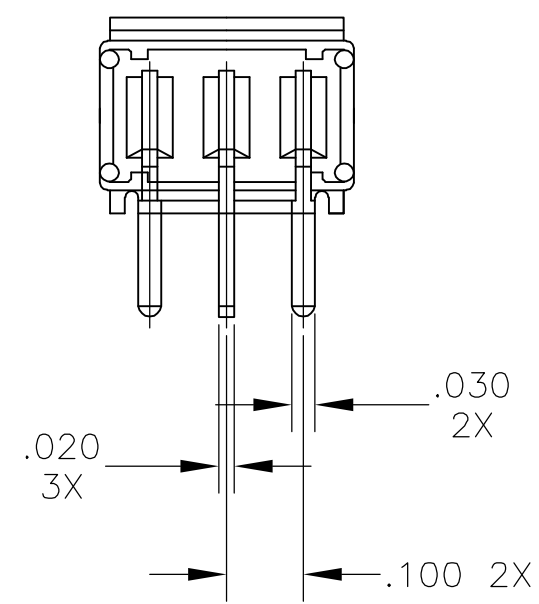
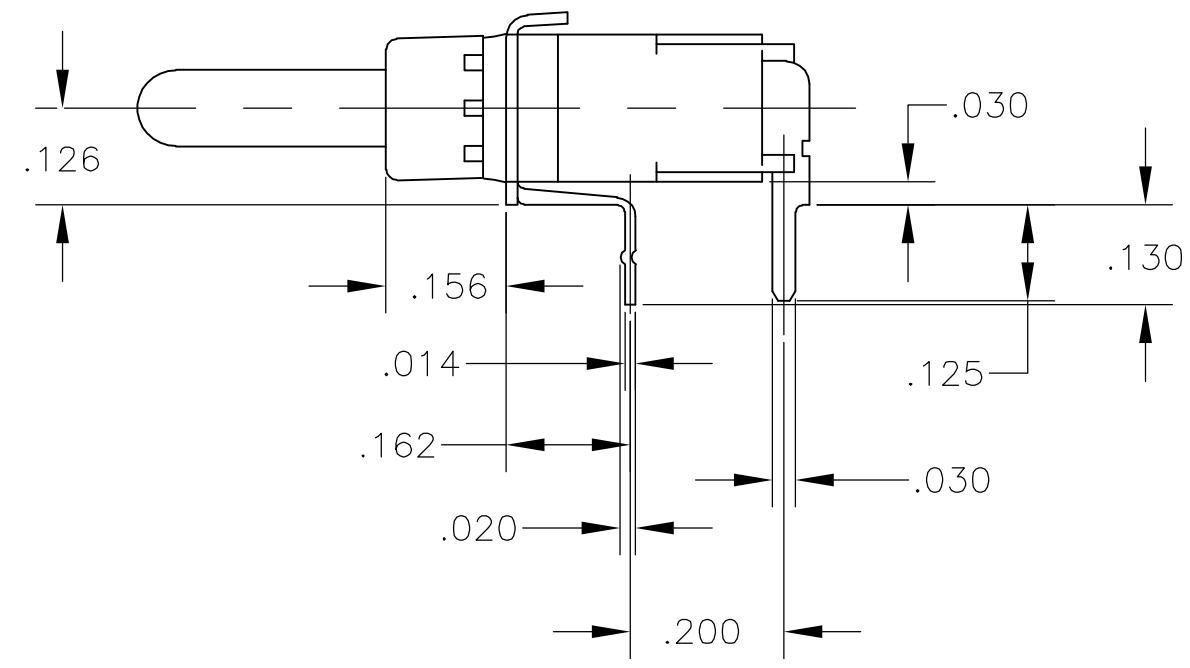
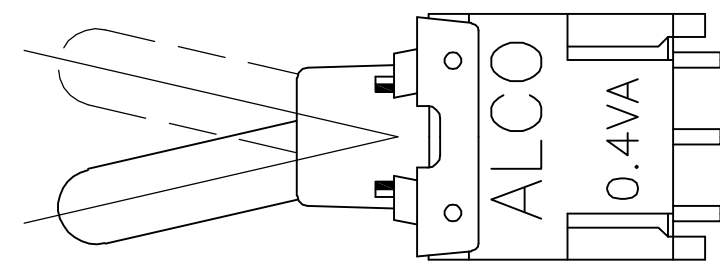
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.M.M. 7-11-90	tyco Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: INCHES		CHK B.J.A. 12-20-90				
		APVD B.J.A. 12-20-90	NAME SEALED TOGGLE SWITCH, SINGLE POLE, TST SERIES			
		PRODUCT SPEC				
MATERIAL —		APPLICATION SPEC	SIZE A2		CAGE CODE 00779	DRAWING NO C=1825455
		WEIGHT —	SCALE 4:1		SHEET 1 OF 3	REV A
		CUSTOMER DRAWING				

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RELEASED FOR PUBLICATION

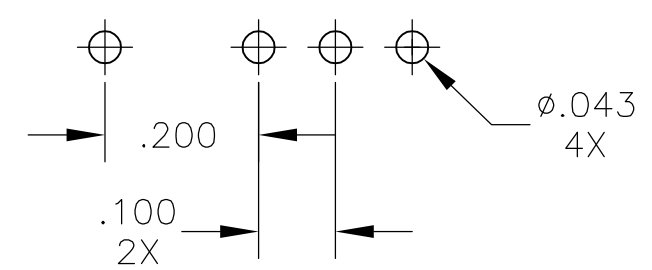
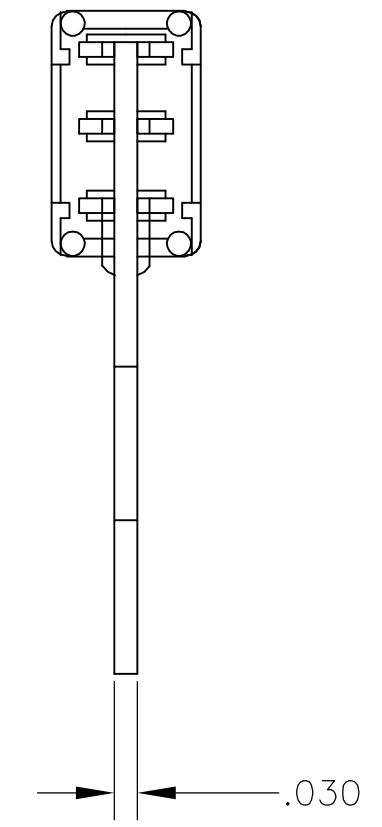
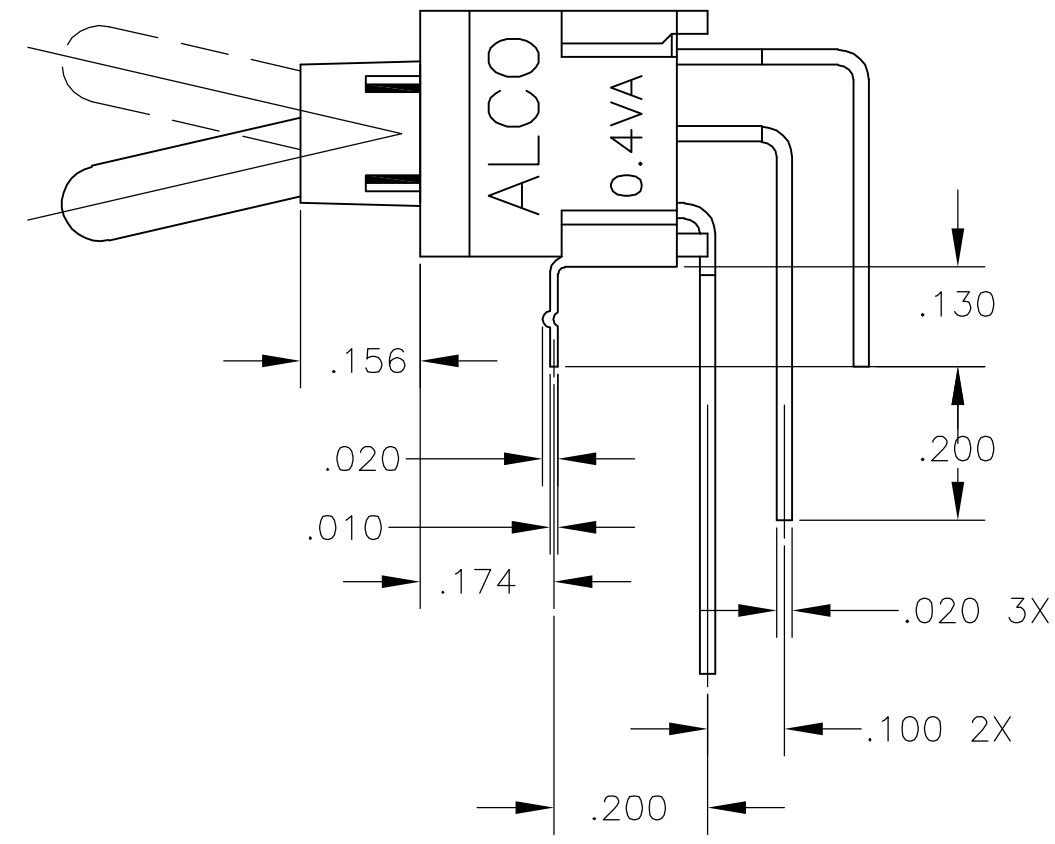
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LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
				SEE SHEET 1	-	-



TOLERANCES FOR ALL PCB LAYOUT
DIMENSIONS TO BE ±.002

RA RIGHT ANGLE



TOLERANCES FOR ALL PCB LAYOUT
DIMENSIONS TO BE ±.002

VRA VERTICAL
RIGHT ANGLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

-

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 3°

FINISH -

DWN 7-11-90
C.M.M.

CHK 12-20-90
B.J.A.

APVD 12-20-90
B.J.A.

PRODUCT SPEC

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME
SEALED TOGGLE SWITCH,
SINGLE POLE, TST SERIES

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825455

RESTRICTED TO
-

SCALE
4:1

SHEET
2

OF
3

REV
A

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—

D

C

B

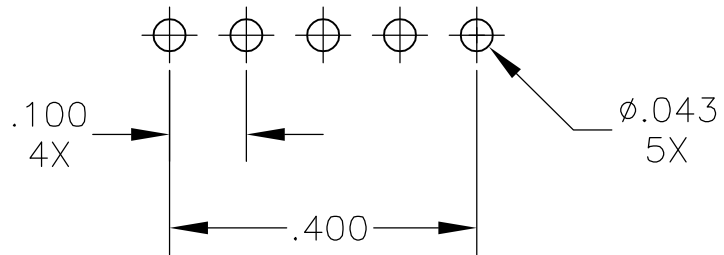
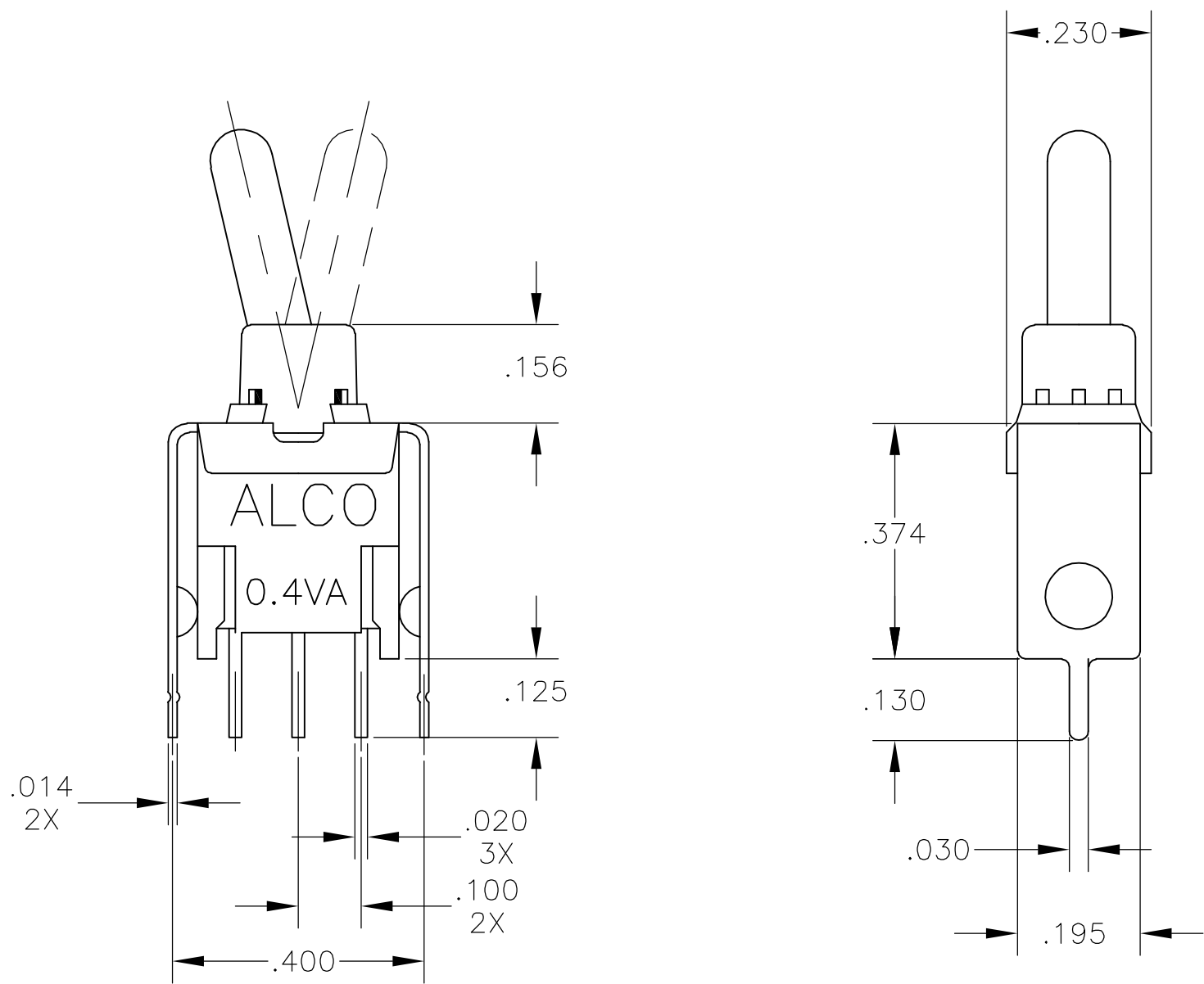
A

D

C

B

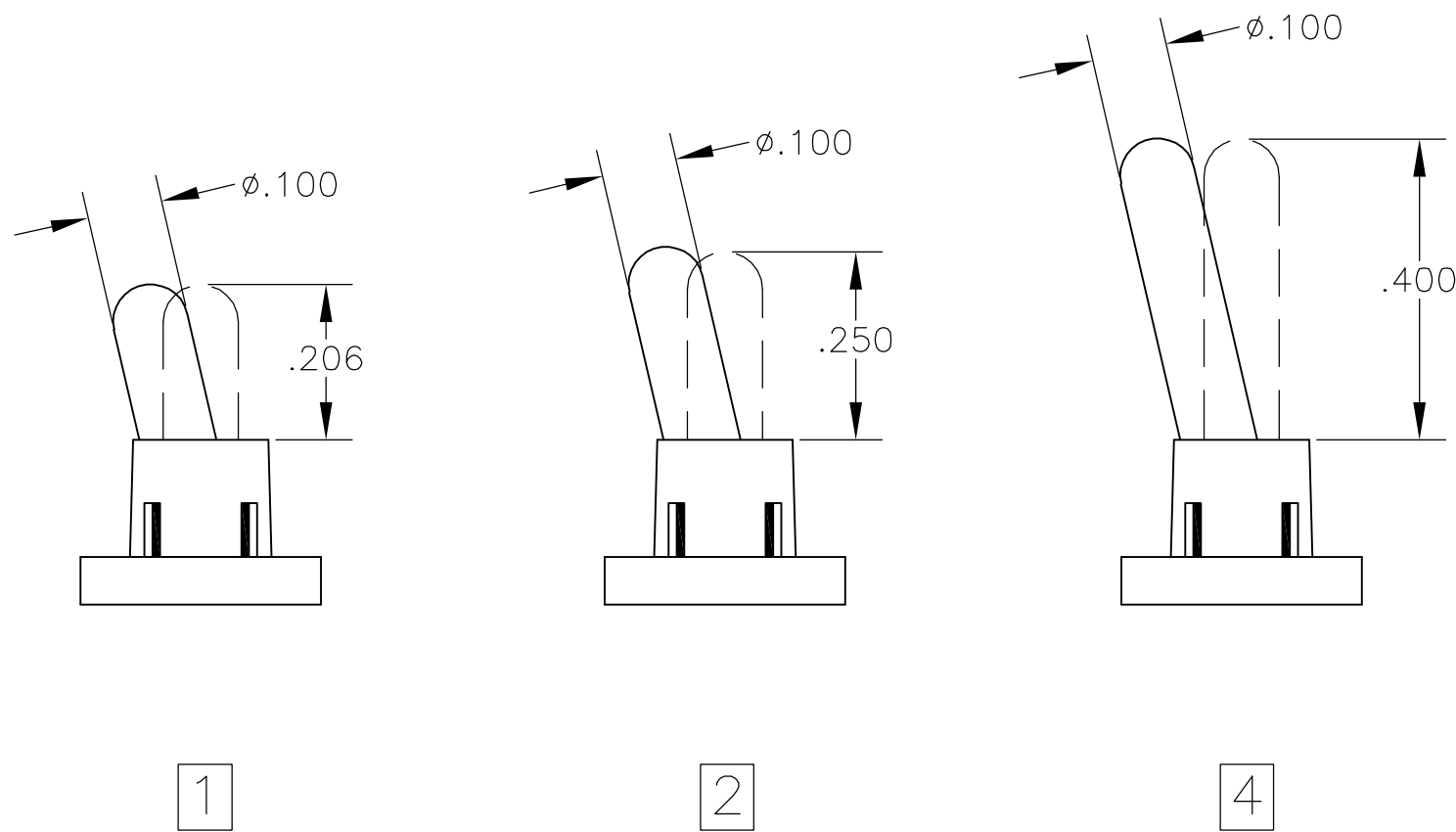
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TOLERANCES FOR ALL PCB LAYOUT
DIMENSIONS TO BE ±.002

PCV PC WITH VERTICAL
SUPPORT BRACKET

ACTUATORS



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.M.M.	7-11-90	tyco Electronics		Tyco Electronics Corporation	
		CHK B.J.A.	12-20-90			Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD B.J.A.	12-20-90	NAME			
	0 PLC ± -	PRODUCT SPEC	SEALED TOGGLE SWITCH, SINGLE POLE, TST SERIES -				
	1 PLC ± -	-					
	2 PLC ± -	-					
	3 PLC ± .010	APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	4 PLC ± -	-					
MATERIAL	FINISH	WEIGHT	A2 00779 C=1825455				
-	-	-					
CUSTOMER DRAWING			SCALE	4:1	SHEET	3 OF 3	REV
			A				