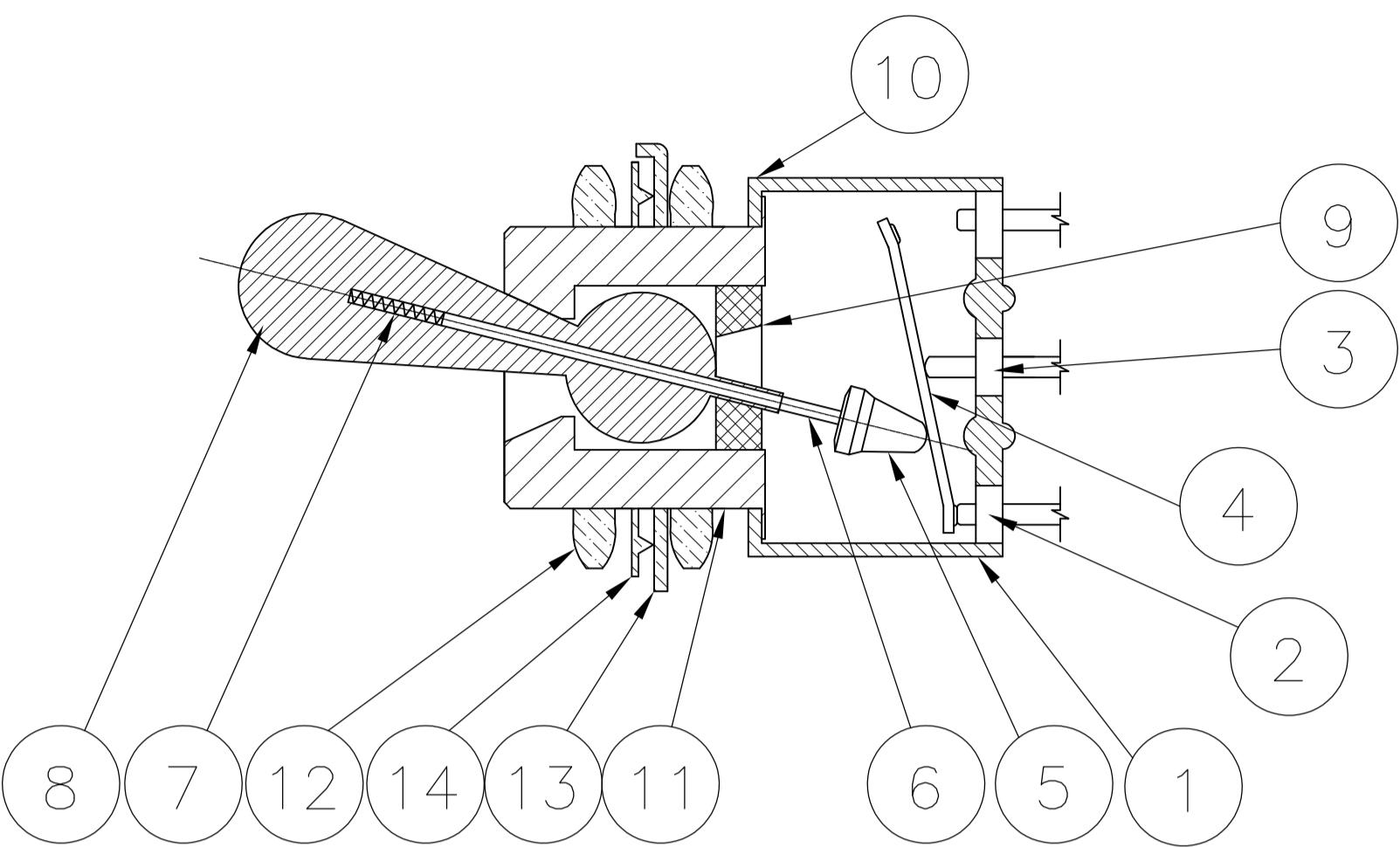


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DIST 00	REVISIONS							
	P	LTR	DESCRIPTION			DATE	DWN	APV
	D5		REVISED PER ECO-14-010935			18JUL2014	NK	RH

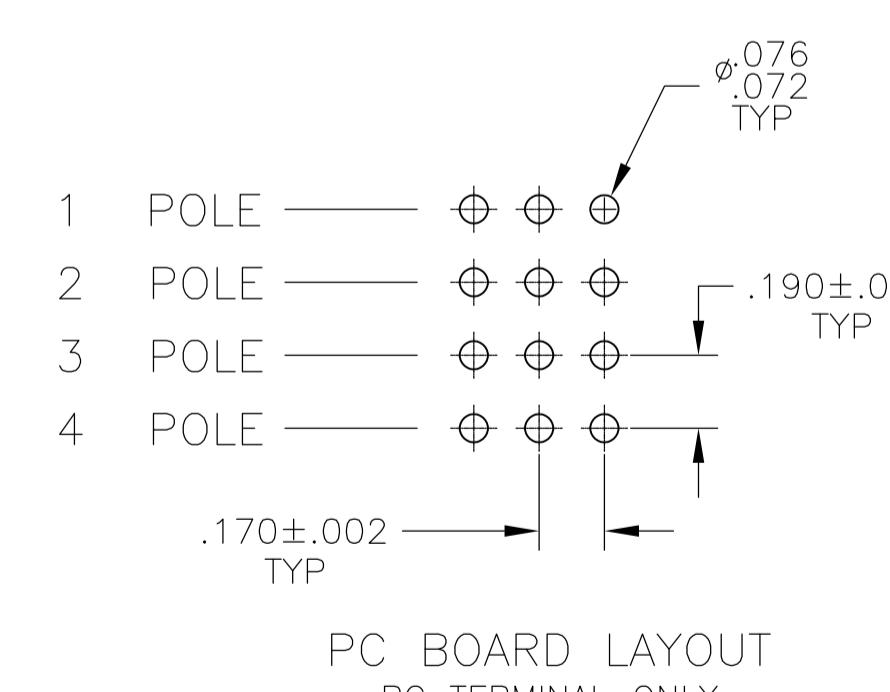
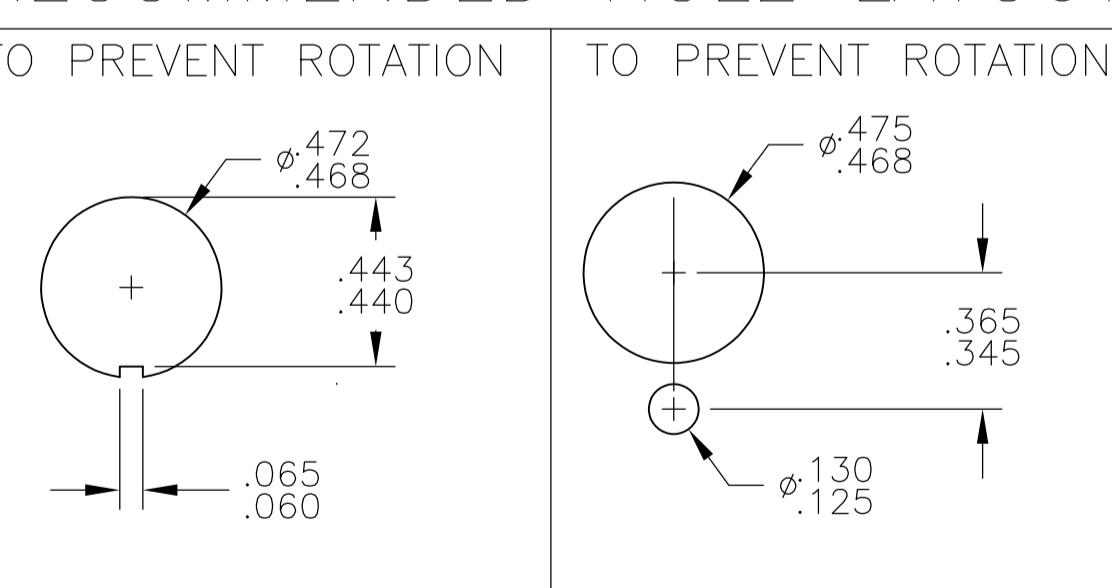
Materials			
No.	Component name	Base material	Finish
1	Housing	High Temp., UL 94V-0, green	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	5 microinches min. gold
5	Actuator	Phenol resin, UL94 HB, black	
6	Plunger	stainless steel	
7	Spring	music wire	
8	Toggle	brass	chrome or Nickel
9	Retainer	Polyamide, UL94 HB, black	
10	Frame	cold rolled steel	zinc or Nickel
11	Bushing	brass	100 microinches min. nickel over 10 microinches min. copper
12	Mounting nuts (2)	brass	200 microinches min. bright nickel
13	Locating ring	cold rolled steel	zinc or Nickel
14	Internal tooth lockwasher	steel	zinc or Nickel



NOT TO SCALE

Specifications—see note 3				
Current rating UL & CSA	6A @ 125 VAC (resistive)			
	3A @ 250 VAC (resistive)			
	4A @ 28 VDC (resistive)			
Termination resistance	20 milliohms max @ 2–4 VDC, 1A			
Insulation resistance	1,000 megohms min.			
Withstanding voltage	1,000 VAC			
Travel	24 +/–6 degrees			
Actuation force	.05 to 1.5 kgf			
Operating temperature	–20C to +85C			
Storage temperature	–40C to +85C			
Contact timing	break before make			
Terminal seal	epoxy or insert molded			
Durability	Parameter	2 Position	3 Position	Momentary
	mechanical (no load)	150,000	100,000	80,000
	250 VAC (3A resistive)	80,000	60,000	60,000
	125 VAC (6A resistive)	80,000	60,000	60,000
	28 VDC (4A resistive)	60,000	50,000	40,000

RECOMMENDED HOLE LAYOUT



NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES
2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
(2) 15/32-32 UNS-2B HEX NUTS

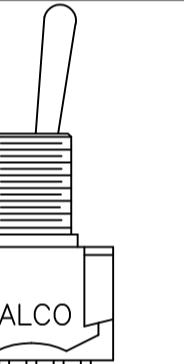
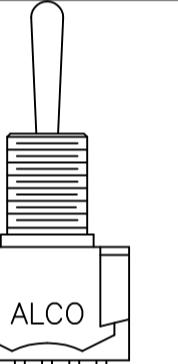
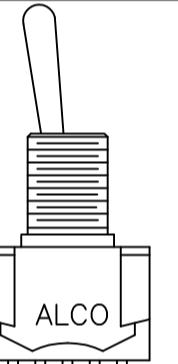
- (2) 15/32-32 UNS-2B HEX NUT
- (1) INTERNAL TOOTH LOCKWASHER
- (1) LOCATING RING

(1) LOCATING RING

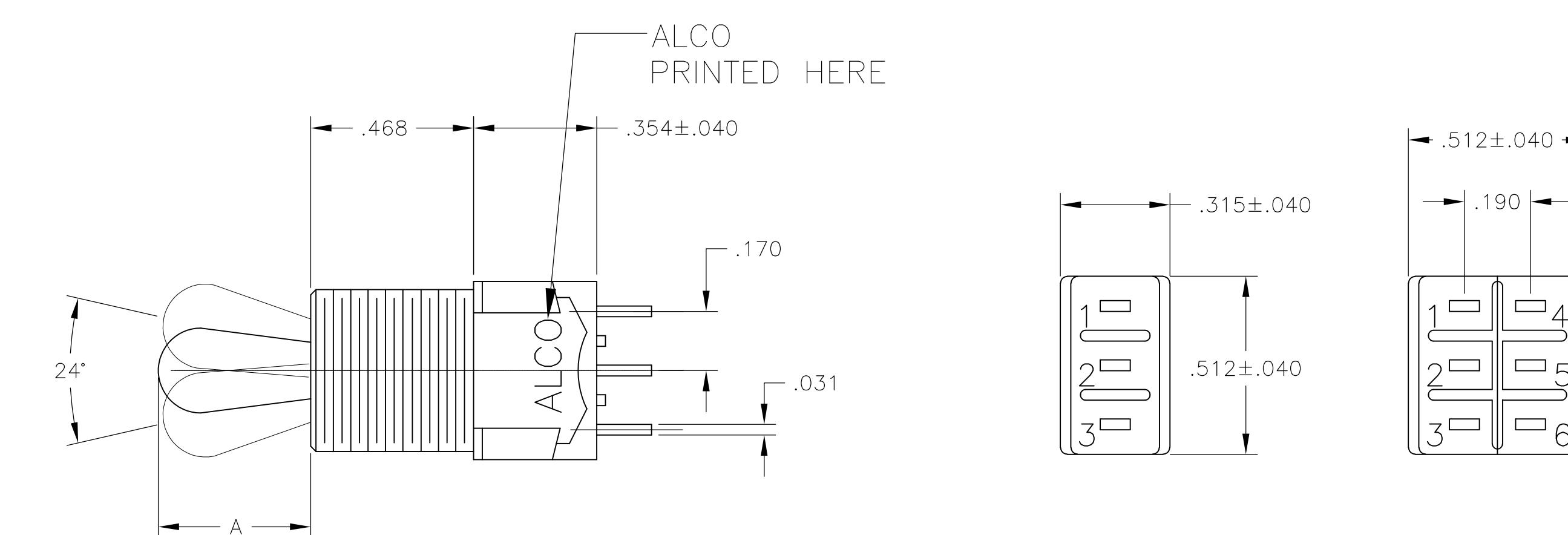
5. WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.
6. CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNC

A7 OBSOLETE

8. LASER MARKING USED FOR PART

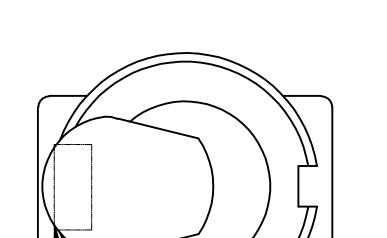
Part Number	Alco Model	Poles	Throws	Function	Terminal	A		3 2 1 6 5 4 9 8 7 12 11 10		3 2 1 6 5 4 9 8 7 12 11 10		Comments
3-1437559-2	MTG406P	4	2	ON OFF ON	Wire lug	.453	2-3, 5-6, 8-9, 11-12		Off	2-1, 5-4, 8-7, 11-10		
3-1437559-3	MTG426N	4	2	ON ON	Wire lug	.685	2-3, 5-6, 8-9, 11-12		---	2-1, 5-4, 8-7, 11-10		
3-1437559-1	MTG406N	4	2	ON ON	Wire lug	.453	2-3, 5-6, 8-9, 11-12		---	2-1, 5-4, 8-7, 11-10		
2-1437559-9	MTG306E	3	2	ON OFF ON	Wire lug	.453	2-3, 5-6, 8-9		Off	2-1, 5-4, 8-7		
3-1437559-0	MTG326D	3	2	ON ON	Wire lug	.685	2-3, 5-6, 8-9		---	2-1, 5-4, 8-7		
2-1437559-8	MTG306D	3	2	ON ON	Wire lug	.453	2-3, 5-6, 8-9		---	2-1, 5-4, 8-7		
2-1437559-7	MTG226PA	1	3	ON ON ON	Wire lug	.685	5-6		5-3	5-1	note 6	
2-1437559-6	MTG226P	2	2	ON OFF ON	Wire lug	.685	2-3, 5-6		Off	2-1, 5-4		
2-1437559-5	MTG226N	2	2	ON ON	Wire lug	.685	2-3, 5-6		---	2-1, 5-4		
2-1437559-4	MTG206T	2	2	ON OFF(ON)	Wire lug	.453	2-3, 5-6		Off	2-1, 5-4		
2-1437559-3	MTG206S	2	2	(ON) OFF (ON)	Wire lug	.453	2-3, 5-6		Off	2-1, 5-4		
2-1437559-2	MTG206R	2	2	ON (ON)	Wire lug	.453	2-3, 5-6		---	2-1, 5-4		
2-1437559-1	MTG206PA	1	3	ON ON ON	Wire lug	.453	5-6		5-3	5-1	note 6	
2-1437559-0	MTG206P	2	2	ON OFF ON	Wire lug	.453	2-3, 5-6		Off	2-1, 5-4		
1-1437559-9	MTG206NPC	2	2	ON ON	PC	.453	2-3, 5-6		---	2-1, 5-4		
1-1437559-8	MTG206N	2	2	ON ON	Wire lug	.453	2-3, 5-6		---	2-1, 5-4		
1-1437559-0	MTG126G	1	2	(ON) OFF (ON)	Wire lug	.685	2-3		Off	2-1		
1-1437559-7	MTG126E	1	2	ON OFF ON	Wire lug	.685	2-3		Off	2-1		
1-1437559-6	MTG126D	1	2	ON ON	Wire lug	.685	2-3		---	2-1		
1-1437559-5	MTG106H	1	2	ON OFF(ON)	Wire lug	.453	2-3		Off	2-1		
1-1437559-4	MTG106G	1	2	(ON) OFF (ON)	Wire lug	.453	2-3		Off	2-1		
1-1437559-3	MTG106F	1	2	ON (ON)	Wire lug	.453	2-3		---	2-1		
1-1437559-2	MTG106E	1	2	ON OFF ON	Wire lug	.453	2-3		Off	2-1		
1-1437559-1	MTG106D	1	2	ON ON	Wire lug	.453	2-3		---	2-1		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	29DEC03	 TE Connectivity		
		CHK M.ZITTO	29DEC03			
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.ZITTO	29DEC03	NAME TOGGLE SWITCH, MTG SERIES VERTICAL MOUNT —		
	0 PLC \pm —	PRODUCT SPEC				
	1 PLC \pm —	—				
	2 PLC \pm —	—				
	3 PLC \pm .005	APPLICATION SPEC				
	4 PLC \pm — ANGLES \pm —	—				
MATERIAL —	FINISH —	WEIGHT —	A1	SIZE CAGE CODE DRAWING NO 00779 C-1-1437559-1	RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 2:1	SHEET 1 OF 3	REV D5

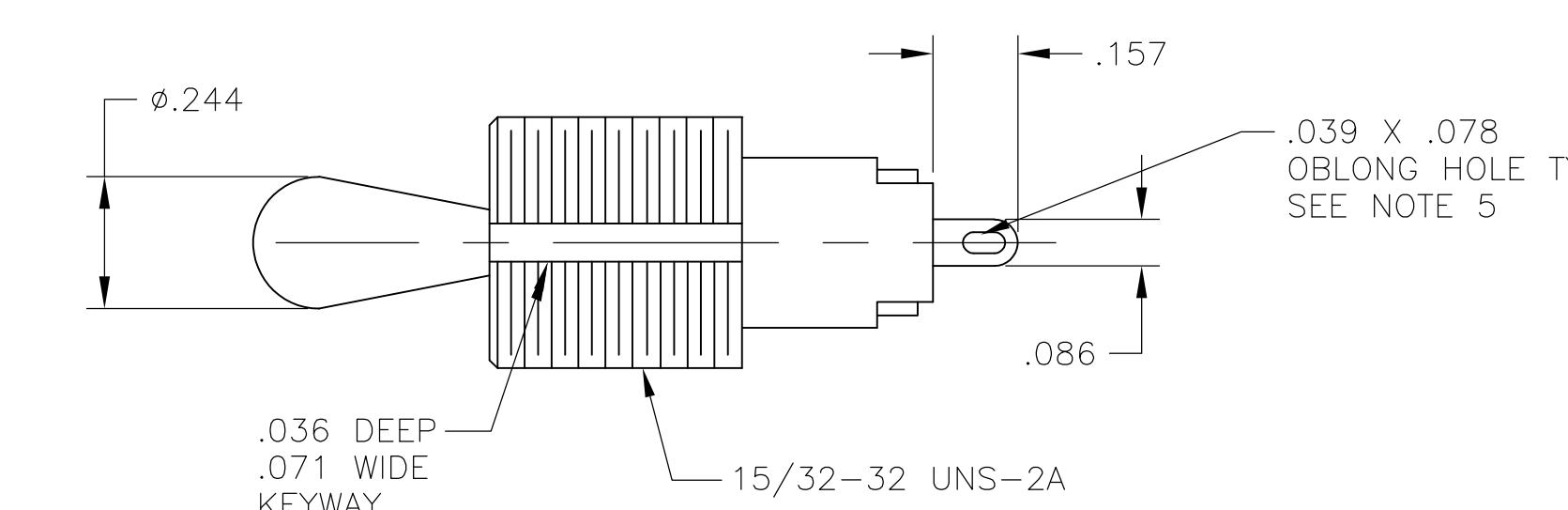


MTG-106

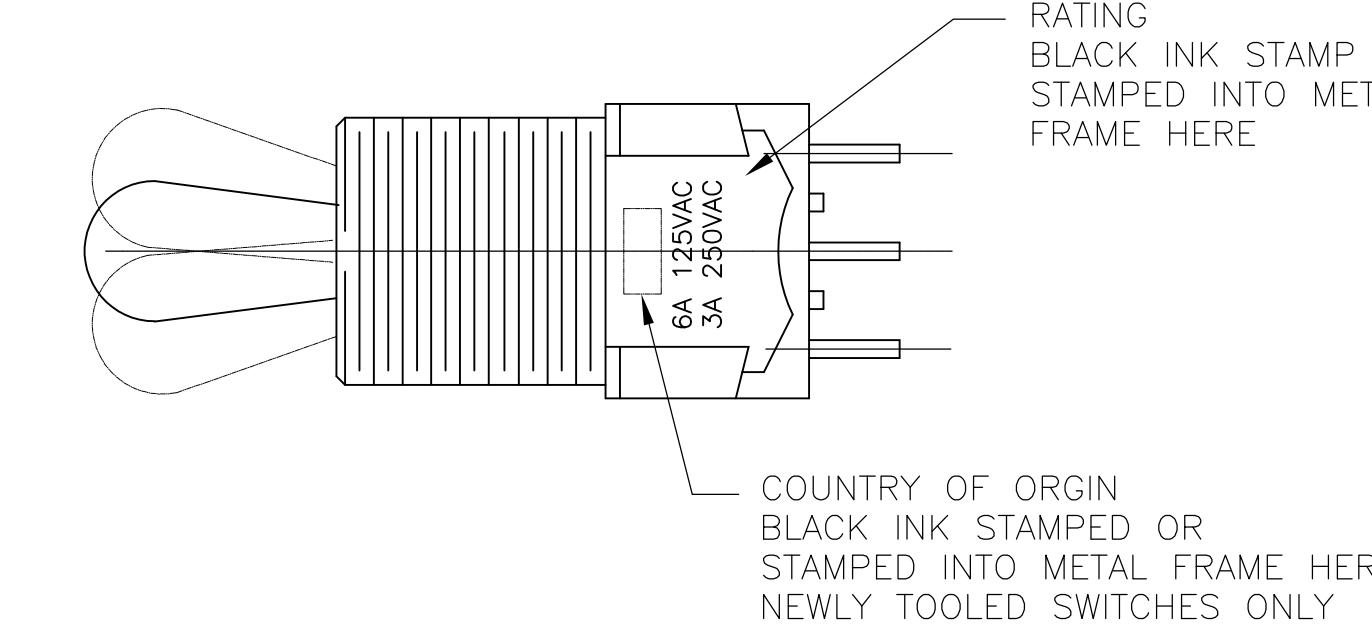
MTG-206



COUNTRY OF ORIGIN
 STAMPED HERE
 EXISTING
 SWITCHES ONLY

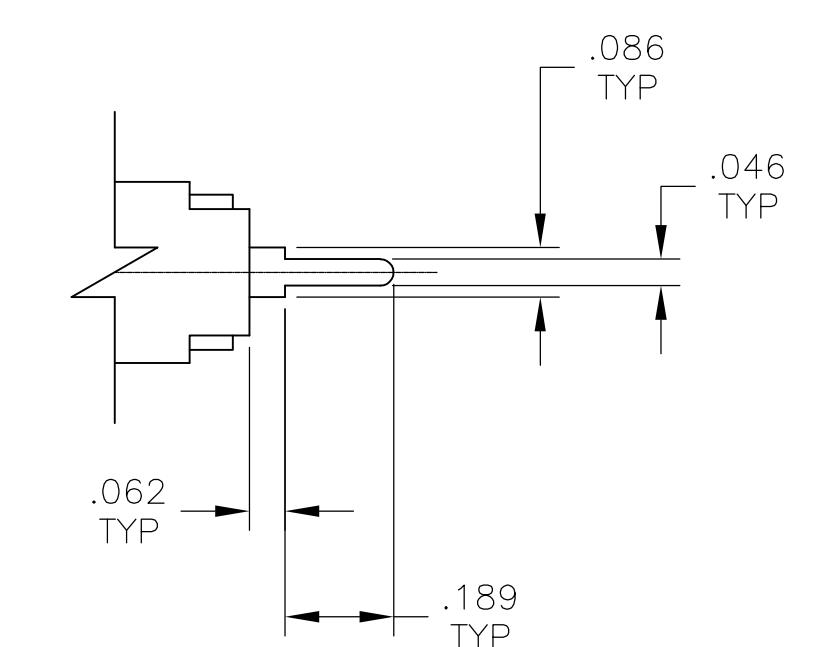


WIRE LUG TERMINAL



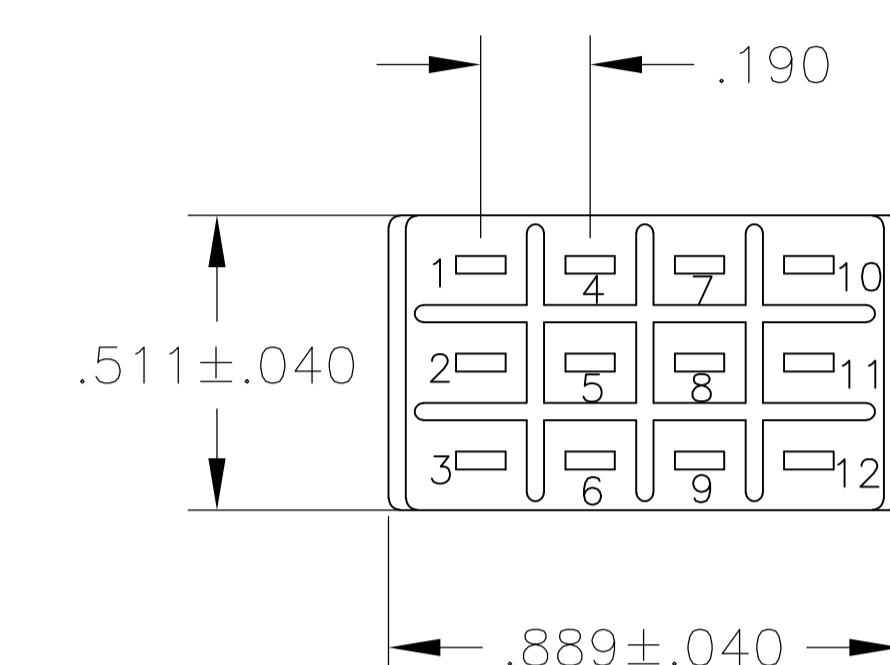
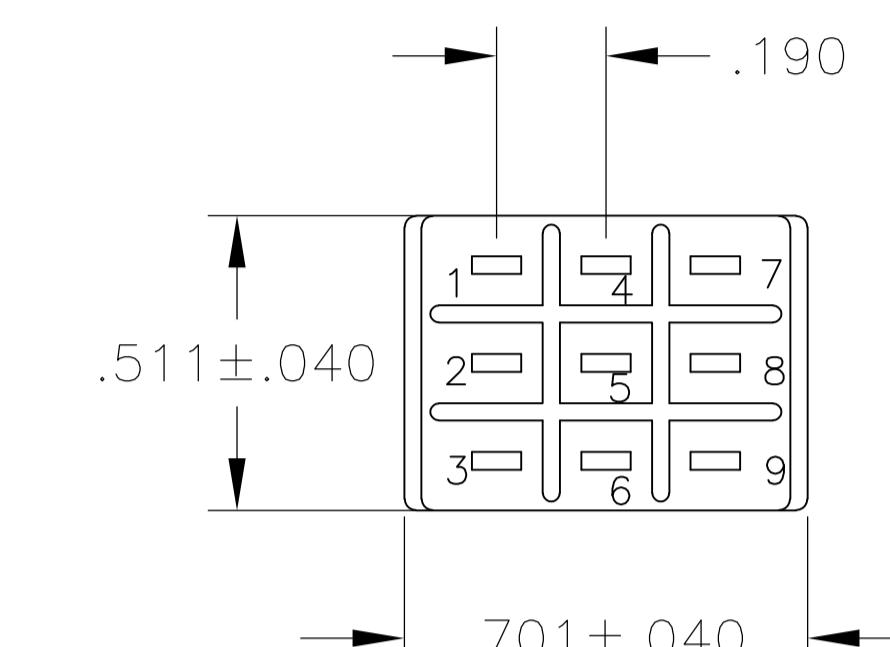
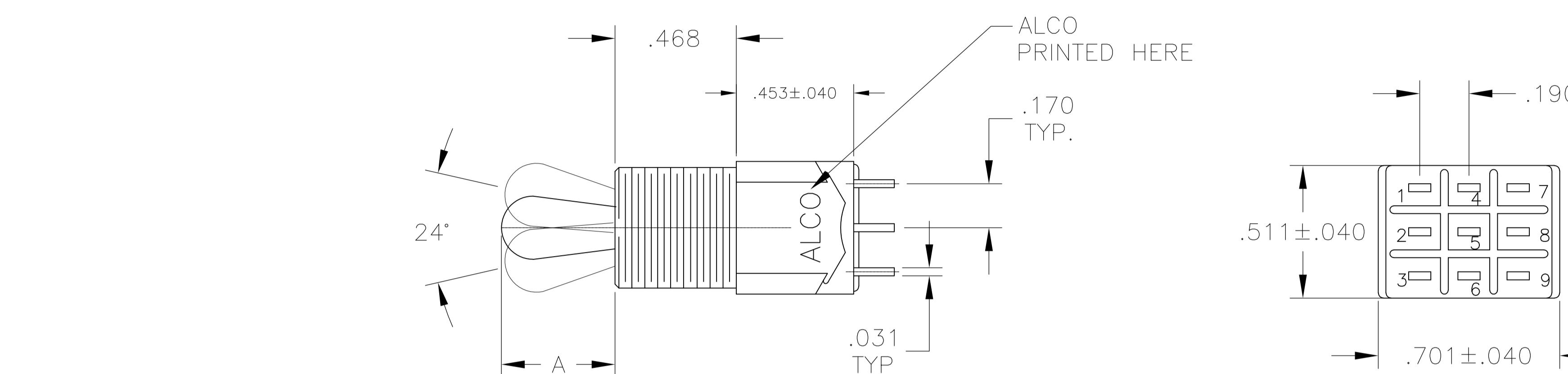
RATING
 BLACK INK STAMP OR
 STAMPED INTO METAL
 FRAME HERE

COUNTRY OF ORIGIN
 BLACK INK STAMPED OR
 STAMPED INTO METAL FRAME HERE
 NEWLY TOOLED SWITCHES ONLY



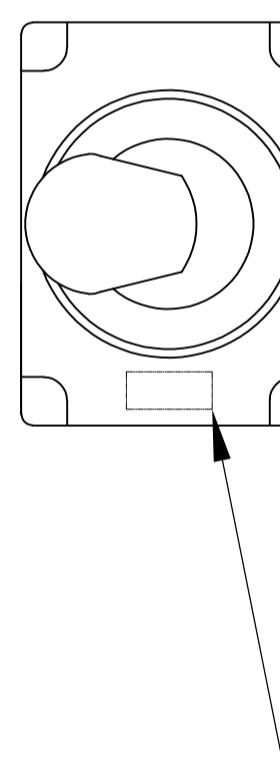
PC TERMINAL

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		CHK M.ZITTO	29DEC03	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.ZITTO	29DEC03	NAME
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC	± - ± - ± - ± .000 ± -	— — — — —	TOGGLE SWITCH, MTG SERIES VERTICAL MOUNT	—
MATERIAL	FINISH	WEIGHT	SIZE	RESTRICTED TO
—	—	—	A1 00779 C-1-1437559-1	—
CUSTOMER DRAWING		SCALE 3:1	2 OF 3	REV D5

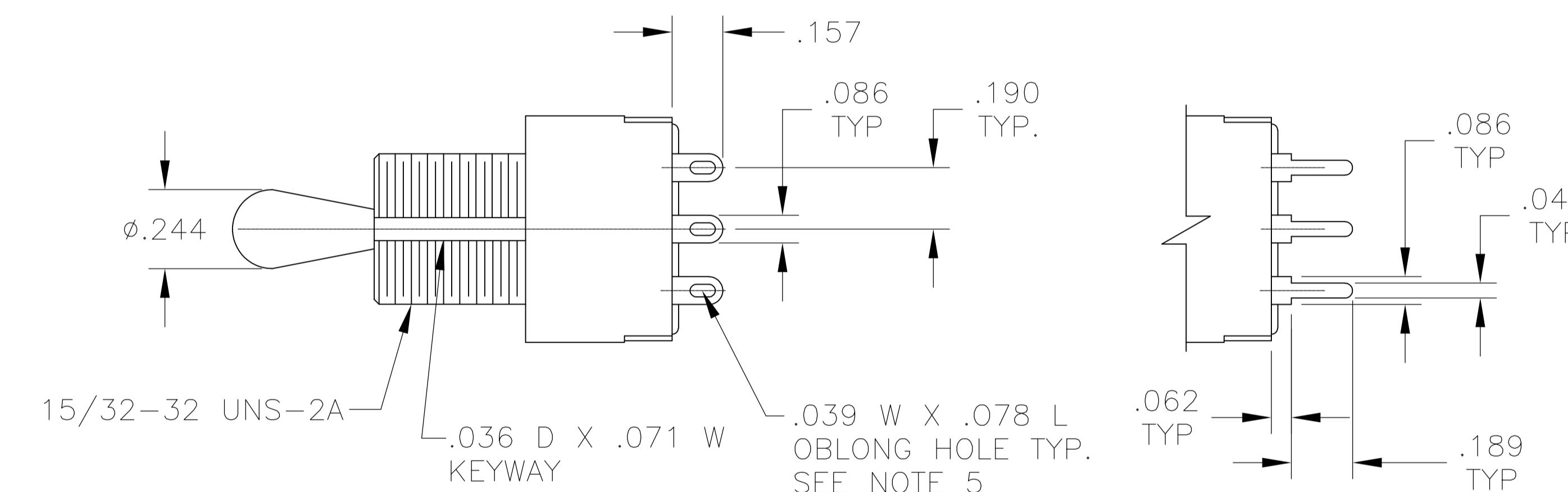


MTG-306

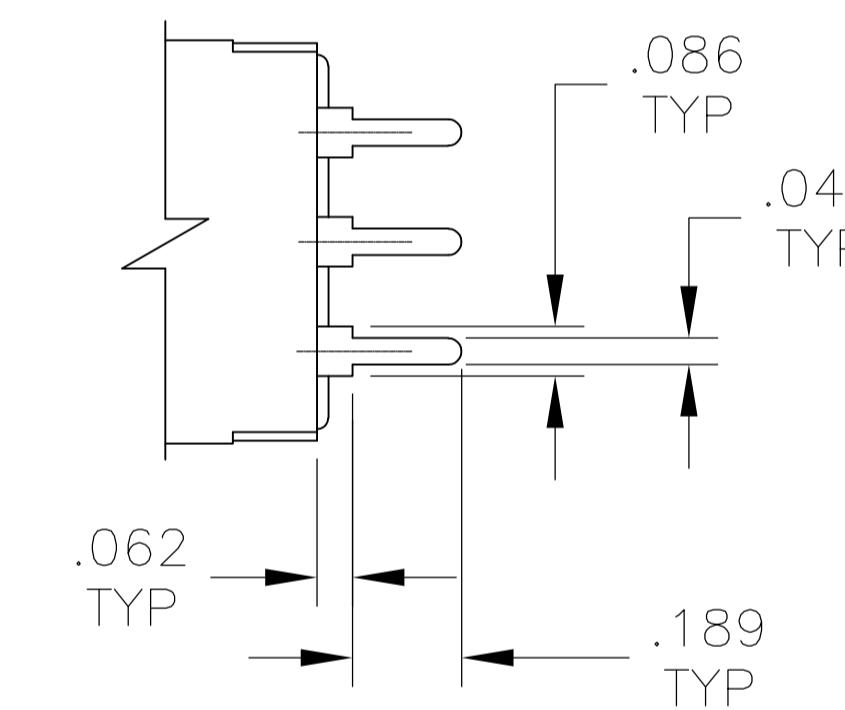
MTG-406



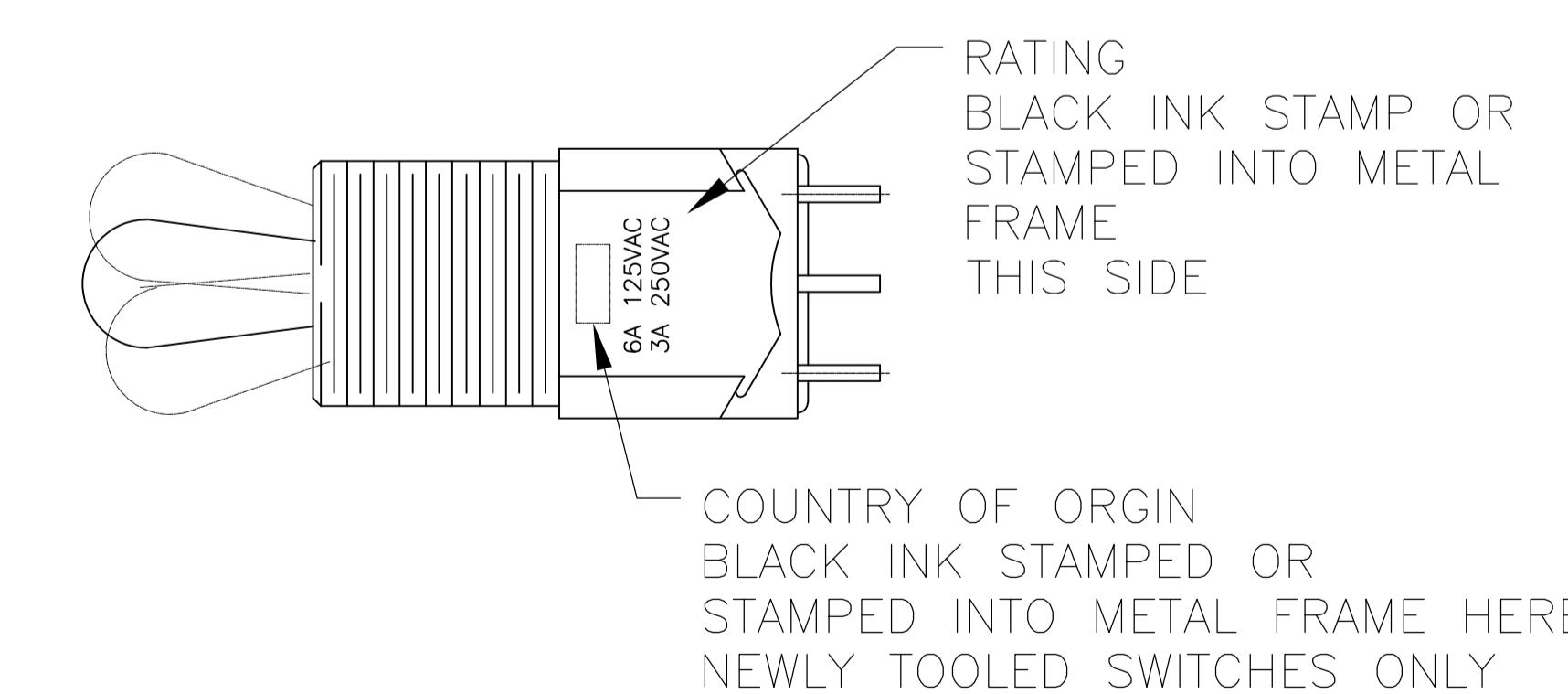
COUNTRY
OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY



WIRE LUG TERMINAL



PC TERMINAL



THIS DRAWING IS A CONTROLLED DOCUMENT.		DRW 290EC03 M.BINNEN	DRW 290EC03 M.ZITTO	TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED: APVD 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .000 4 PLC ± - 5 PLC ± - 6 PLC ± -	APVD M.ZITTO PRODUCT SPEC APPLICATION SPEC	NAME	TOGGLE SWITCH, MTG SERIES VERTICAL MOUNT
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO
			A1	00779	C-1-1437559-1
			CUSTOMER DRAWING	SCALE 3:1	RESTRICED TO SHEET 3 OF 3 REV D5

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