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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	D6	ECR-18-009229	25SEP2018	DHC	PO

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

TO PREVENT ROTATION

TO PREVENT ROTATION

1 POLE

2 POLE

3 POLE

4 POLE

PC BOARD LAYOUT
PC TERMINAL ONLY

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

(1) INTERNAL TOOTH LOCKWASHER

(1) LOCATING RING

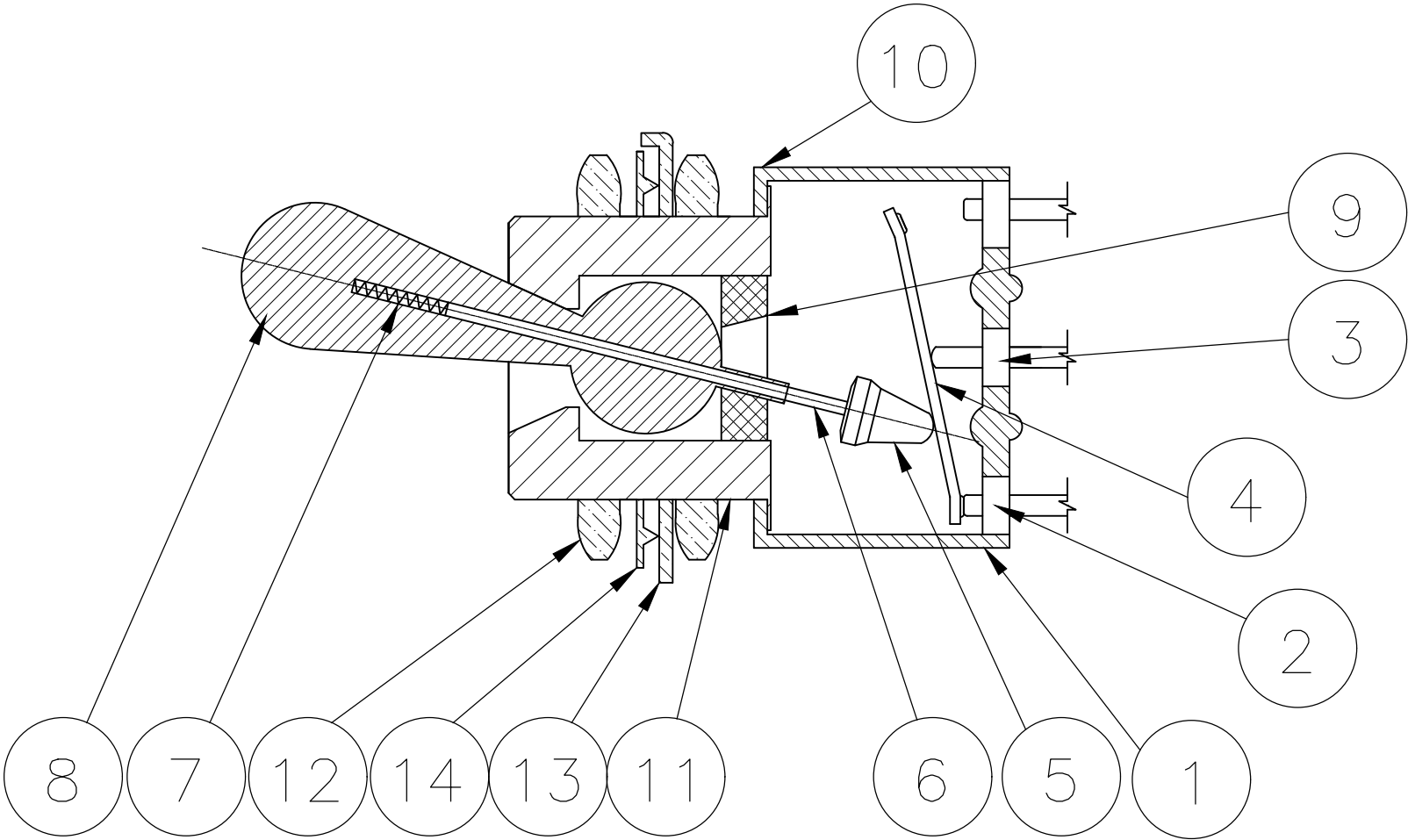
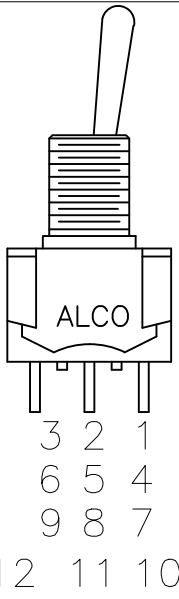
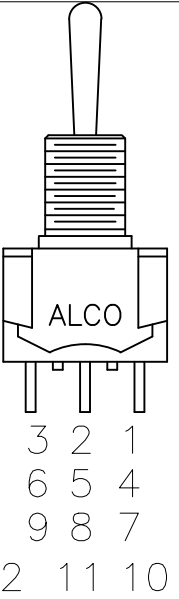
5. WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.

6. CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.

7

OBsolete

8. LASER MARKING USED FOR PARTS.

Part Number	Alco Model	Poles	Throws	Function	Terminal	A				Comments
<div>7</div> 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	
<div>7</div> 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	
<div>7</div> 2-1437559-7	MTG226PA	1	3	ON ON ON	Wire lug	.685	5-6	5-3	5-1	note 6
<div>7</div> 2-1437559-6	MTG226P	2	2	ON OFF ON	Wire lug	.685	2-3, 5-6	Off	2-1, 5-4	
<div>7</div> 2-1437559-5	MTG226N	2	2	ON ON	Wire lug	.685	2-3, 5-6	---	2-1, 5-4	
<div>7</div> 2-1437559-4	MTG206T	2	2	ON OFF(ON)	Wire lug	.453	2-3, 5-6	Off	2-1, 5-4	
<div>7</div> 2-1437559-3	MTG206S	2	2	(ON) OFF (ON)	Wire lug	.453	2-3, 5-6	Off	2-1, 5-4	
<div>7</div> 2-1437559-2	MTG206R	2	2	ON (ON)	Wire lug	.453	2-3, 5-6	---	2-1, 5-4	
<div>7</div> 2-1437559-1	MTG206PA	1	3	ON ON ON	Wire lug	.453	5-6	5-3	5-1	note 6
<div>7</div> 2-1437559-0	MTG206P	2	2	ON OFF ON	Wire lug	.453	2-3, 5-6	Off	2-1, 5-4	
<div>7</div> 1-1437559-9	MTG206NPC	2	2	ON ON	PC	.453	2-3, 5-6	---	2-1, 5-4	
<div>7</div> 1-1437559-8	MTG206N	2	2	ON ON	Wire lug	.453	2-3, 5-6	---	2-1, 5-4	
<div>7</div> 1-1437559-0	MTG126G	1	2	(ON) OFF (ON)	Wire lug	.685	2-3	Off	2-1	
<div>7</div> 1-1437559-7	MTG126E	1	2	ON OFF ON	Wire lug	.685	2-3	Off	2-1	
<div>7</div> 1-1437559-6	MTG126D	1	2	ON ON	Wire lug	.685	2-3	---	2-1	
<div>7</div> 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	

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DWN M. BINNER 29DEC03

CHK M. ZITTO 29DEC03

APVD M. ZITTO 29DEC03

NAME

TE Connectivity Ltd.

TOGGLE SWITCH, MTG SERIES
VERTICAL MOUNT

SIZE CAGE CODE DRAWING NO RESTRICTED TO

A1 00779 1-1437559-1

CUSTOMER DRAWING

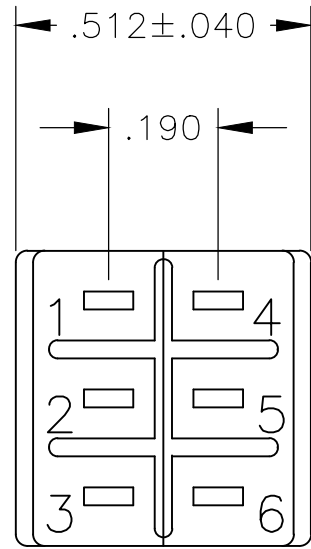
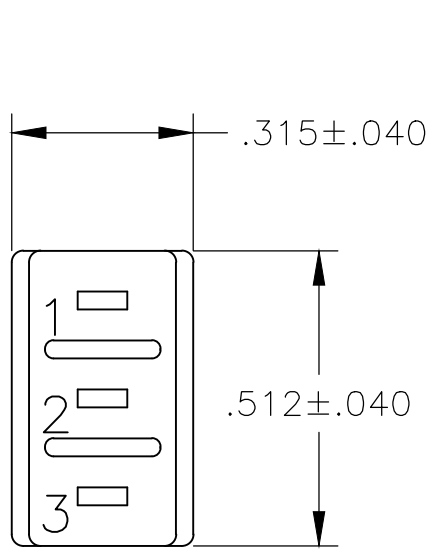
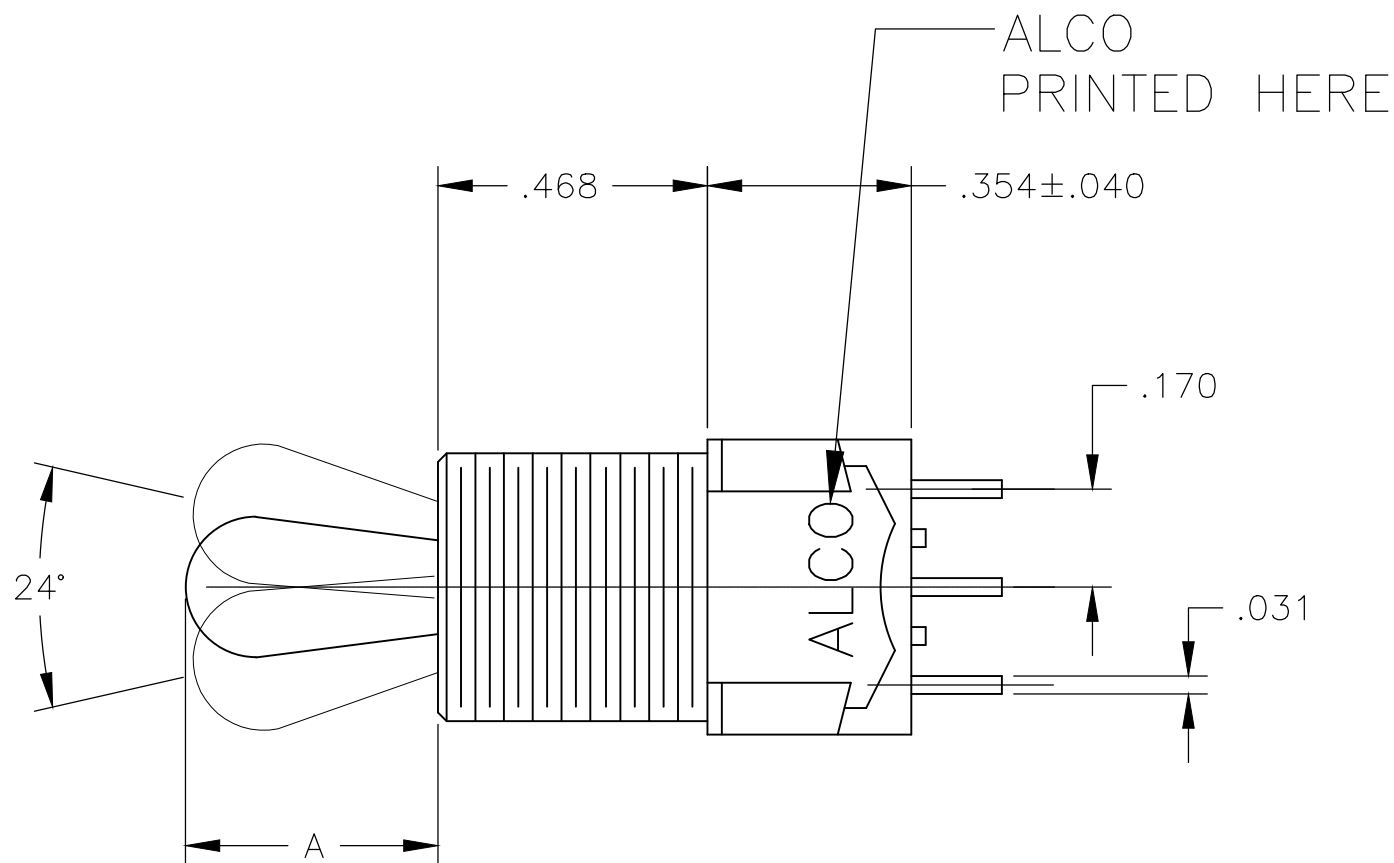
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SHEET 1 OF 3

REV D6

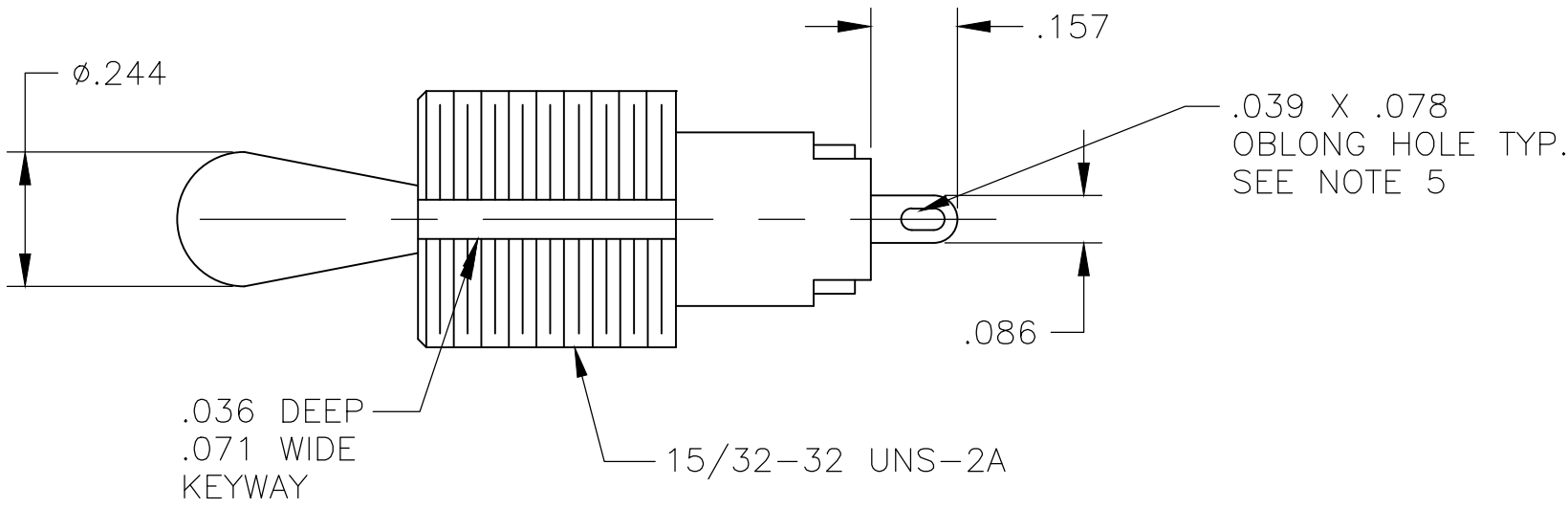
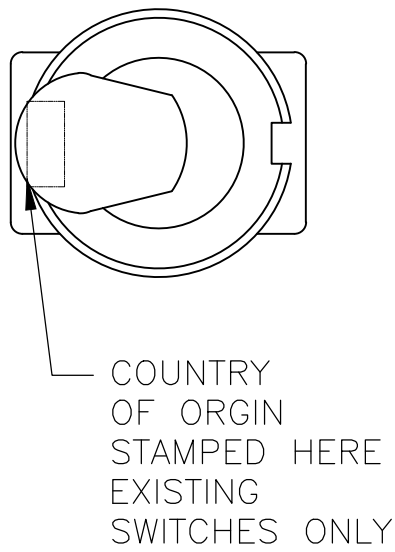
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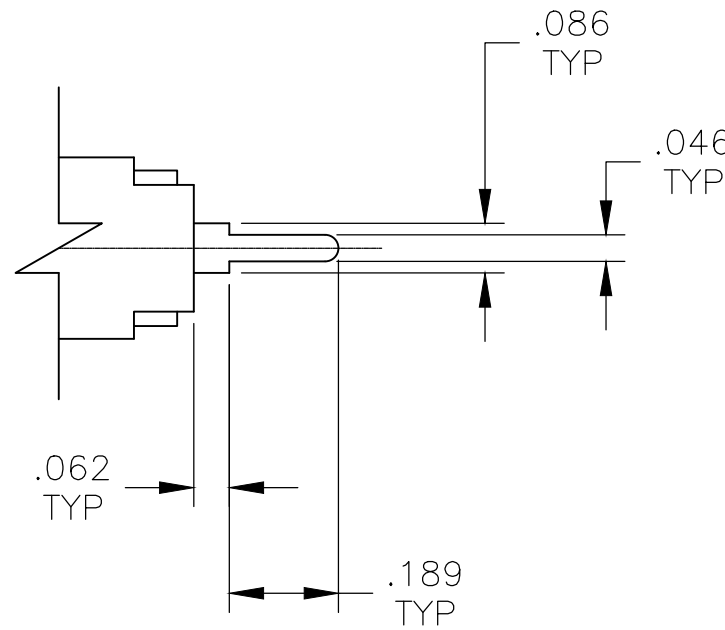


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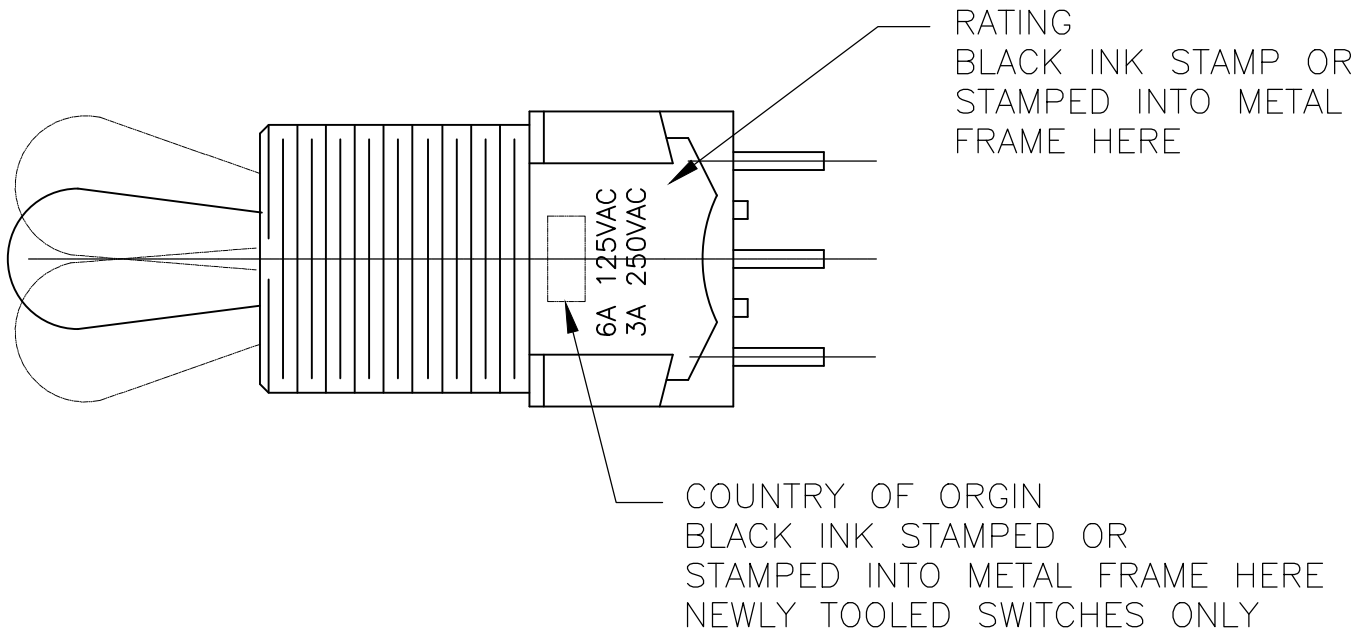
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WIRE LUG TERMINAL

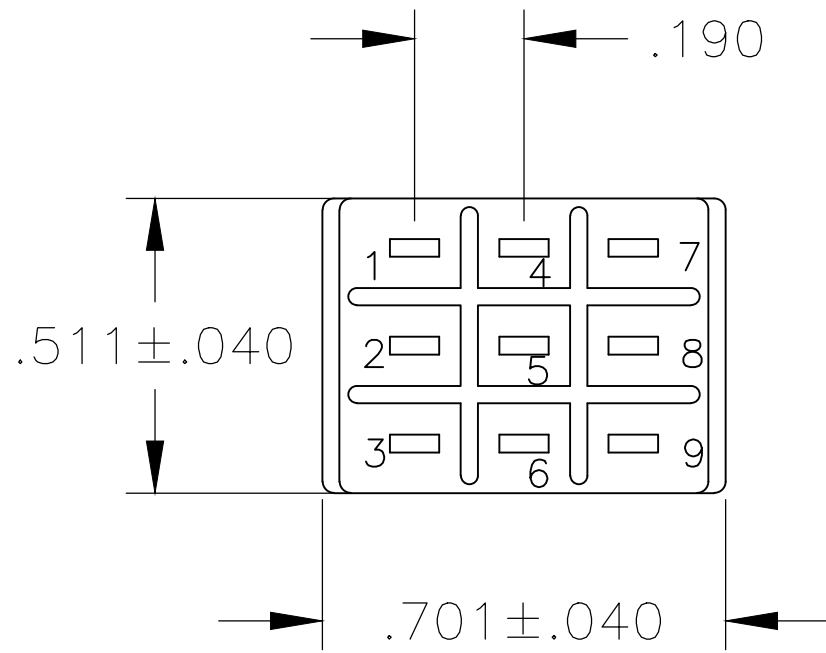
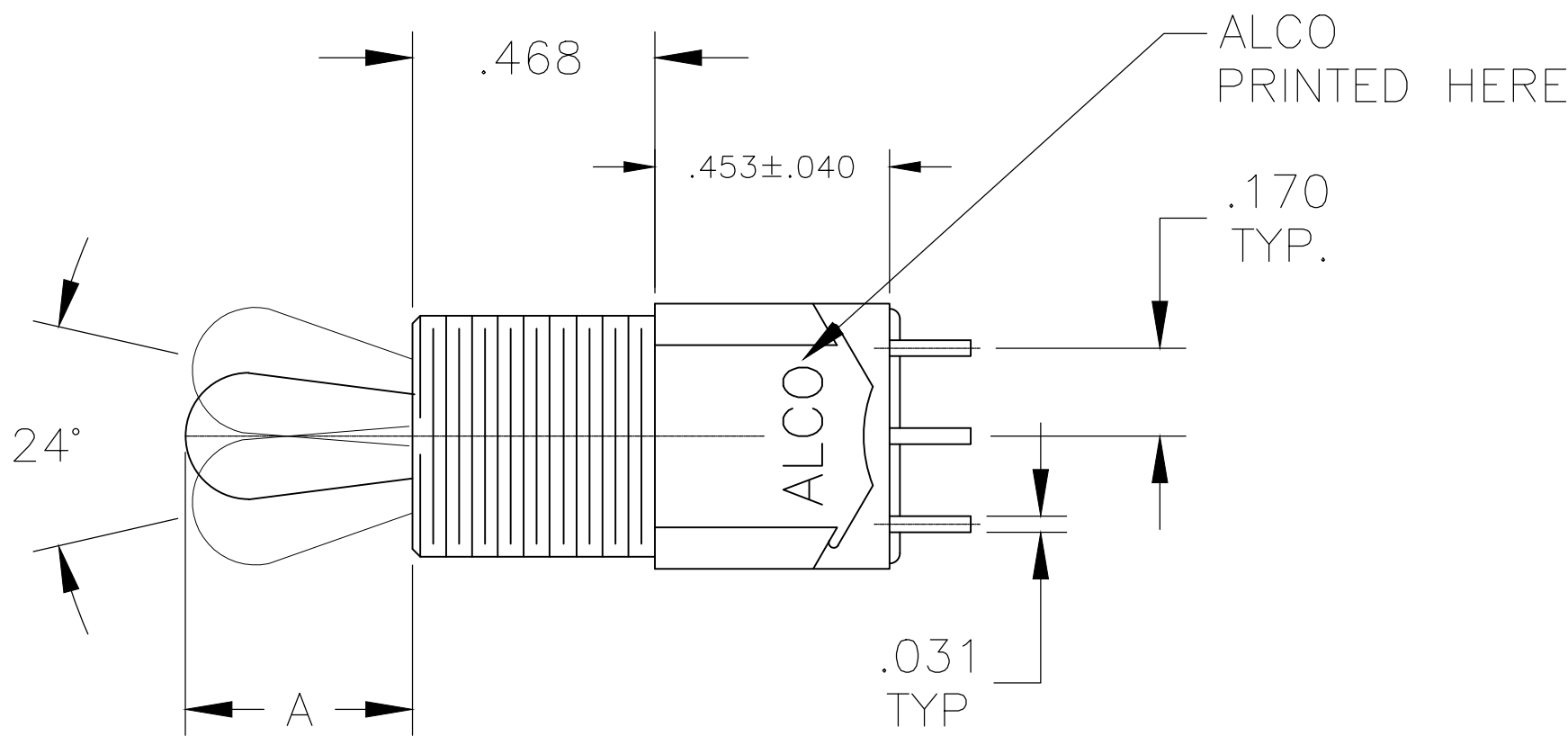


PC TERMINAL

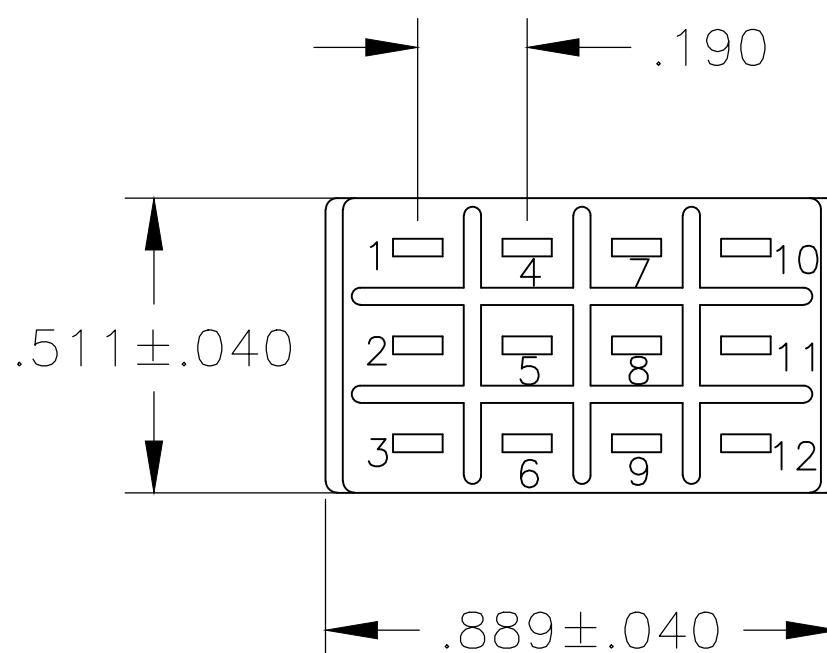


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		CHK M.ZITTO 29DEC03					
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± .005 1 PLC ± .005 2 PLC ± .005 3 PLC ± .005 4 PLC ± .005 ANGLES ± .005	APVD M.ZITTO 29DEC03	NAME TOGGLE SWITCH, MTG SERIES VERTICAL MOUNT —	SIZE A1	CAGE CODE 00779	DRAWING NO 1-1437559-1	RESTRICTED TO —
		PRODUCT SPEC					
MATERIAL —	FINISH —	APPLICATION SPEC					
		WEIGHT					
CUSTOMER DRAWING		SCALE 3:1	SHEET 2	OF 3	REV D6		

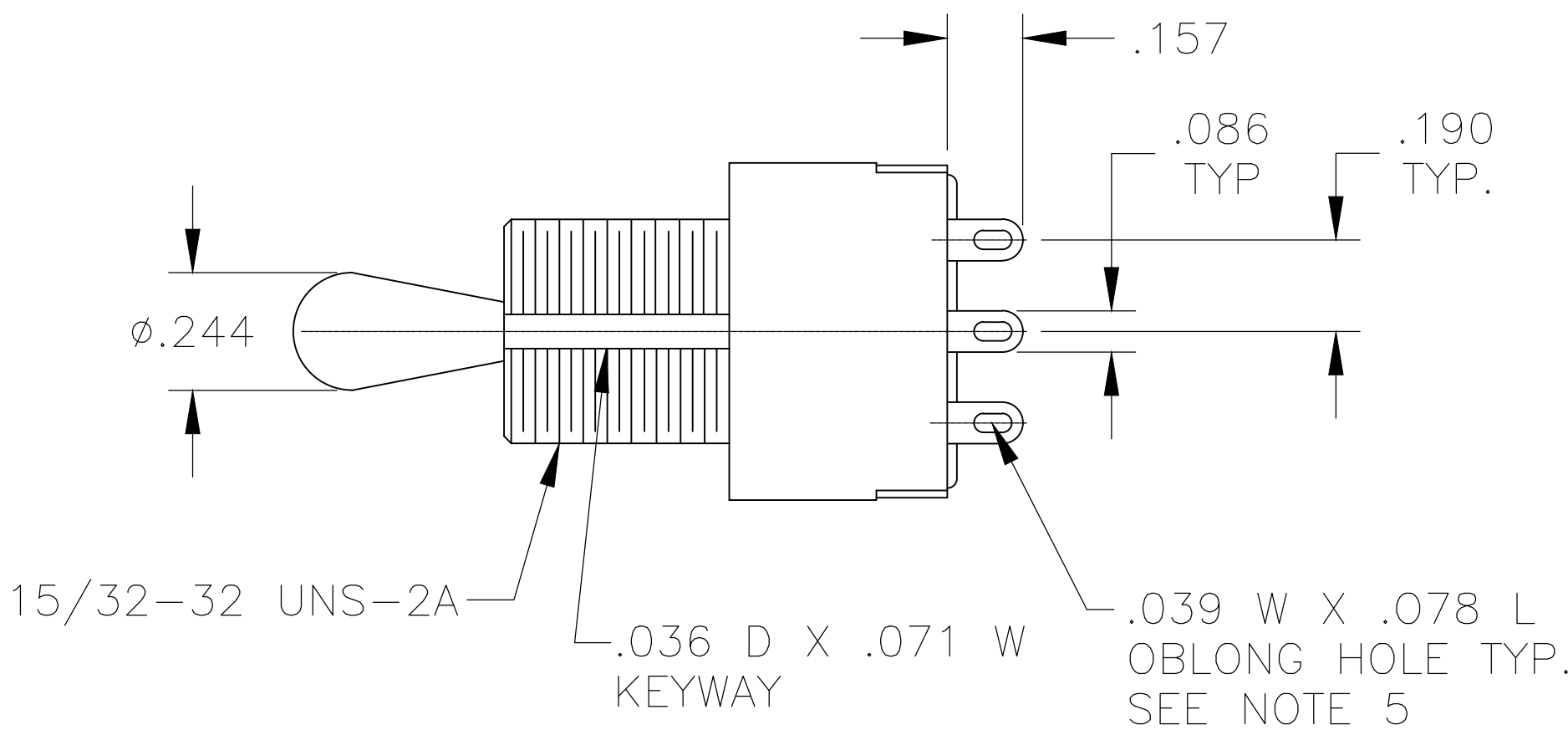
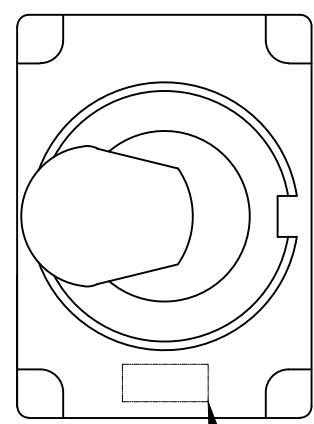
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REV	DATE	DESCRIPTION	BY	CHKD	APPROV
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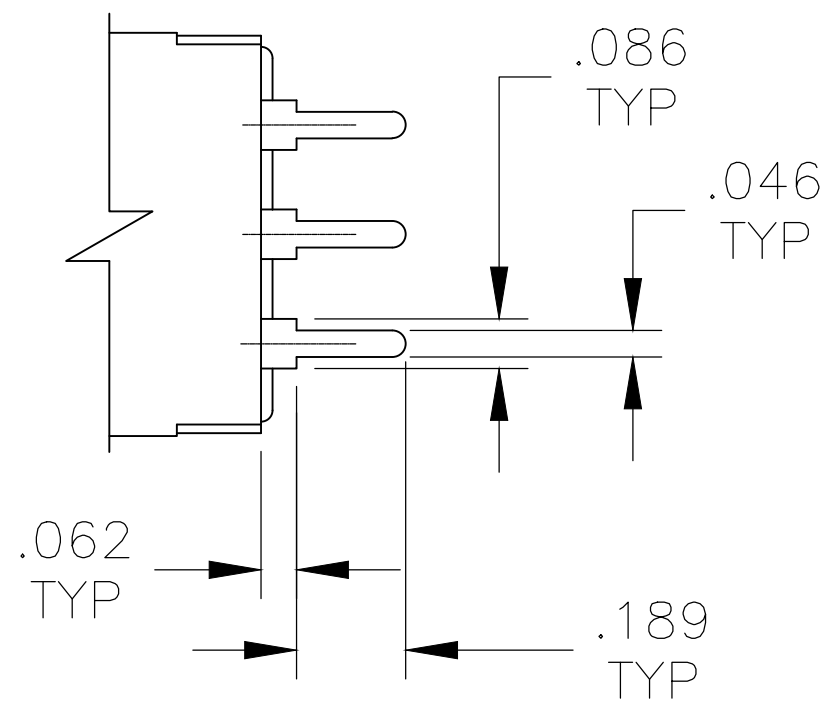
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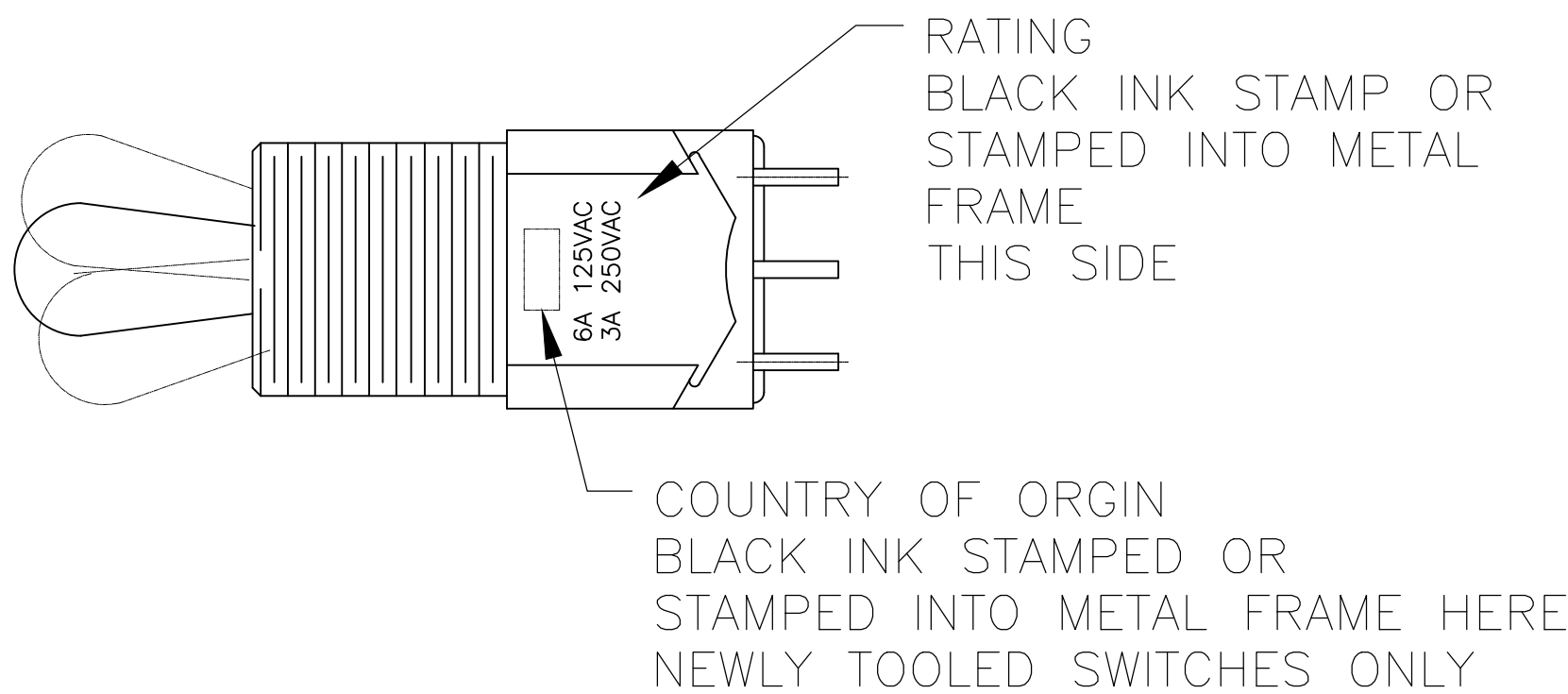
MTG-406



WIRE LUG TERMINAL



PC TERMINAL



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TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROV M. ZITTO 29DEC03	NAME	
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1. PLC ± .005		APPLICATION SPEC	—	
2. PLC ± .005		—	SIZE	
3. PLC ± .005		—	CAGE CODE	
4. PLC ± .005		—	DRAWING NO	
MATERIAL		WEIGHT	RESTRICTED TO	
—		—	A1 00779 1-1437559-1	
CUSTOMER DRAWING		SCALE 3:1	SHEET 3 OF 3	
			REV D6	

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