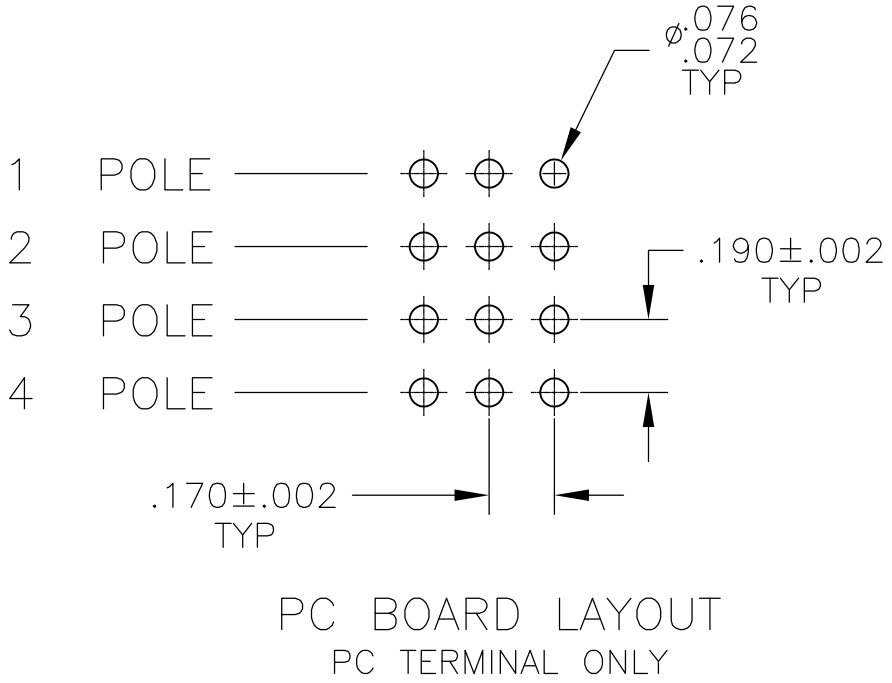
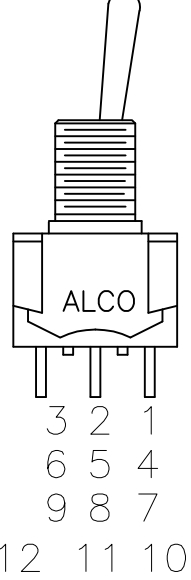
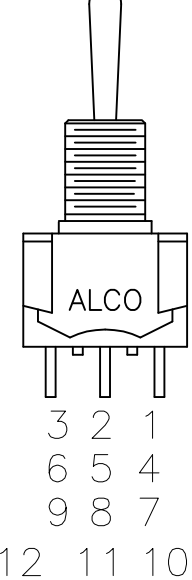
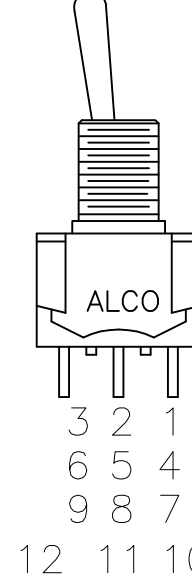


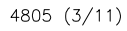
A technical drawing of a mechanical assembly, likely a valve or actuator, shown in a cross-sectional view. The drawing includes 14 numbered callouts pointing to various components:

- 1: A small circular component at the bottom right.
- 2: A vertical rod or pin passing through the assembly.
- 3: A horizontal rod or pin passing through the assembly.
- 4: A vertical rod or pin passing through the assembly.
- 5: A horizontal rod or pin passing through the assembly.
- 6: A vertical rod or pin passing through the assembly.
- 7: A horizontal rod or pin passing through the assembly.
- 8: A vertical rod or pin passing through the assembly.
- 9: A horizontal rod or pin passing through the assembly.
- 10: A vertical rod or pin passing through the assembly.
- 11: A horizontal rod or pin passing through the assembly.
- 12: A vertical rod or pin passing through the assembly.
- 13: A horizontal rod or pin passing through the assembly.
- 14: A vertical rod or pin passing through the assembly.

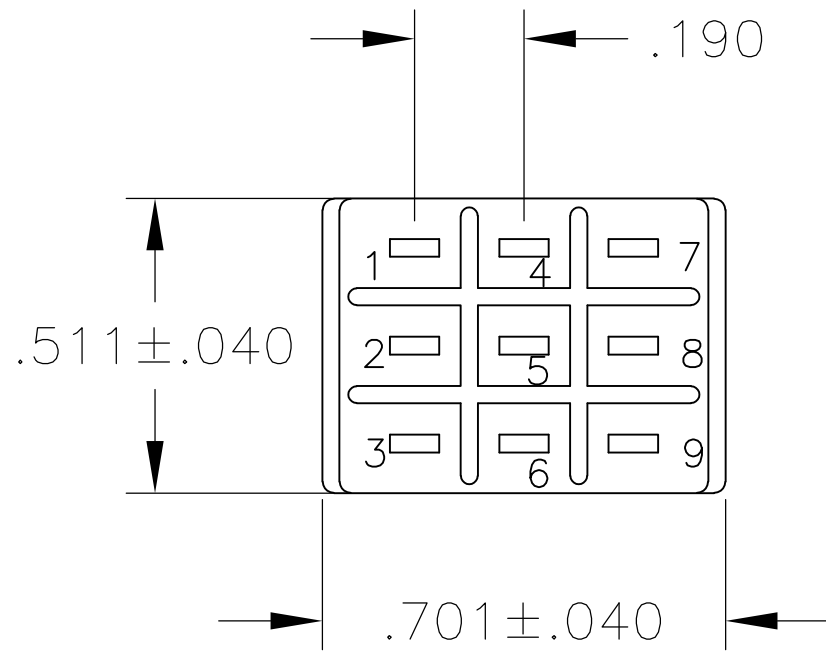
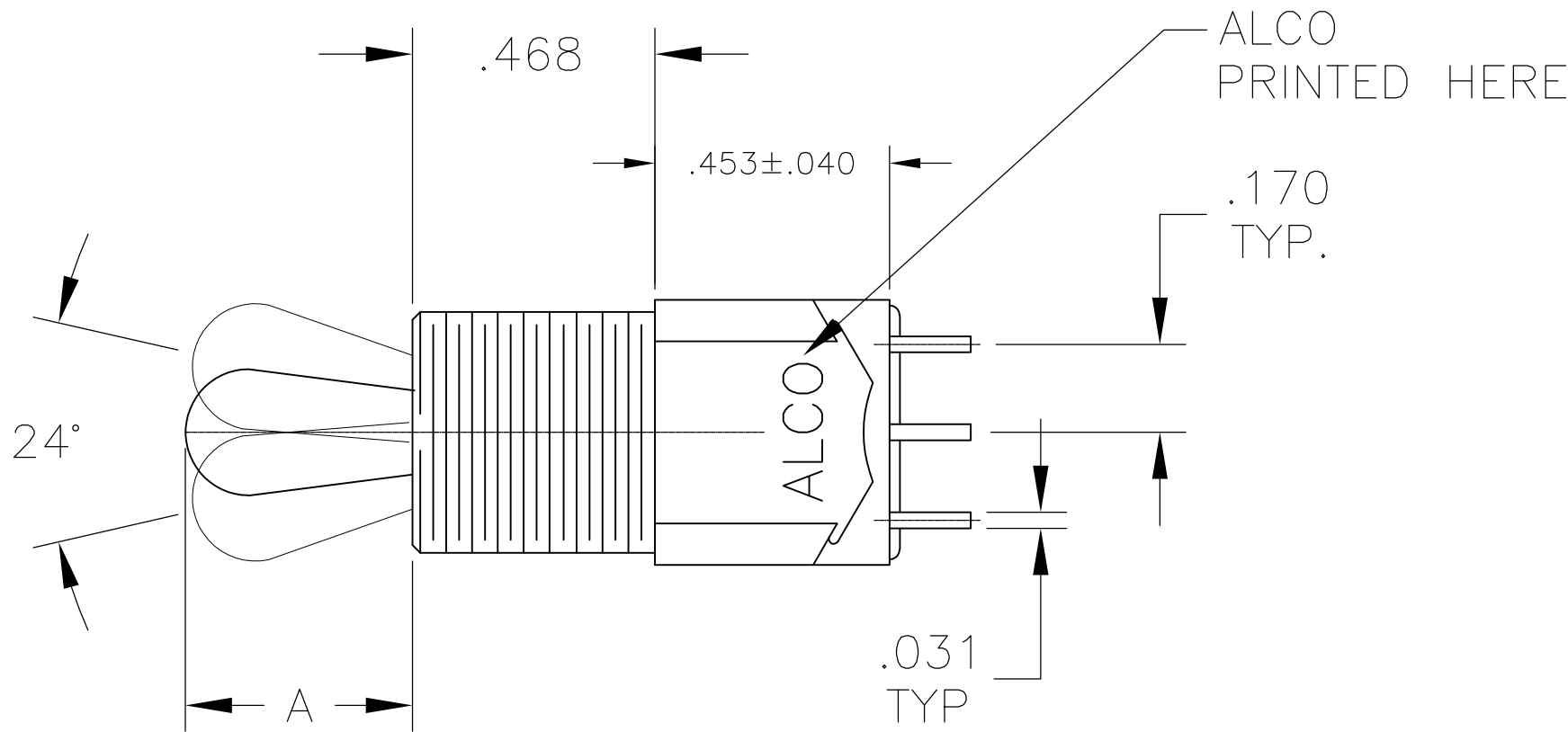
Specifications—see note 3				
Current rating UL & CSA	6A @ 125 VAC (resistive)			
	3A @ 250 VAC (resistive)			
	4A @ 28 VDC (resistive)			
Termination resistance	20 milliohms max @ 2–4 VDC, 1A			
Insulation resistance	1,000 megohms min.			
Withstanding voltage	1,000 VAC			
Travel	24 +/–6 degrees			
Actuation 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



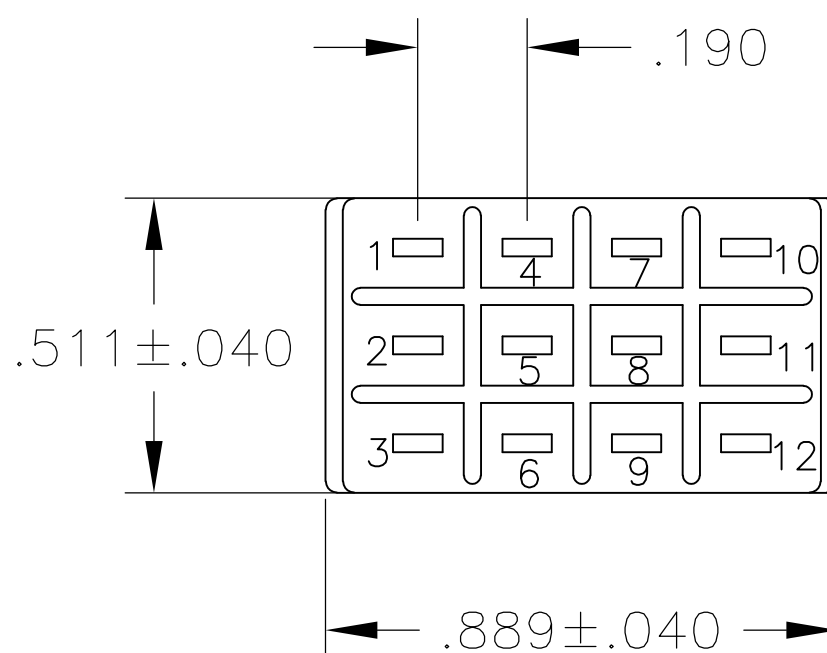
- | Part Number | Alco Model | Poles | Throws | Function | Terminal | A |  |  |  | Comments |
|-------------|------------|-------|--------|---------------|----------|------|--|--|--|----------|
| 3-1437559-2 | MTG406P | 4 | 2 | ON OFF ON | Wire lug | .453 | 2-3, 5-6, 8-9, 11-12 | Off | 2-1, 5-4, 8-7, 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 | |



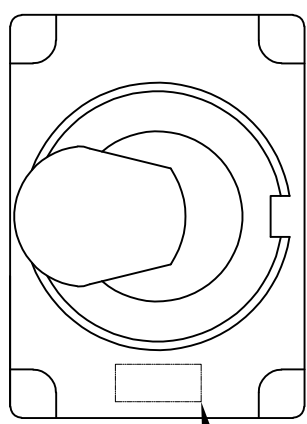
LOC	DIST	REVISIONS				
AD	00	REV	LTR	DESCRIPTION	DATE	DWN
				SEE SHEET 1		



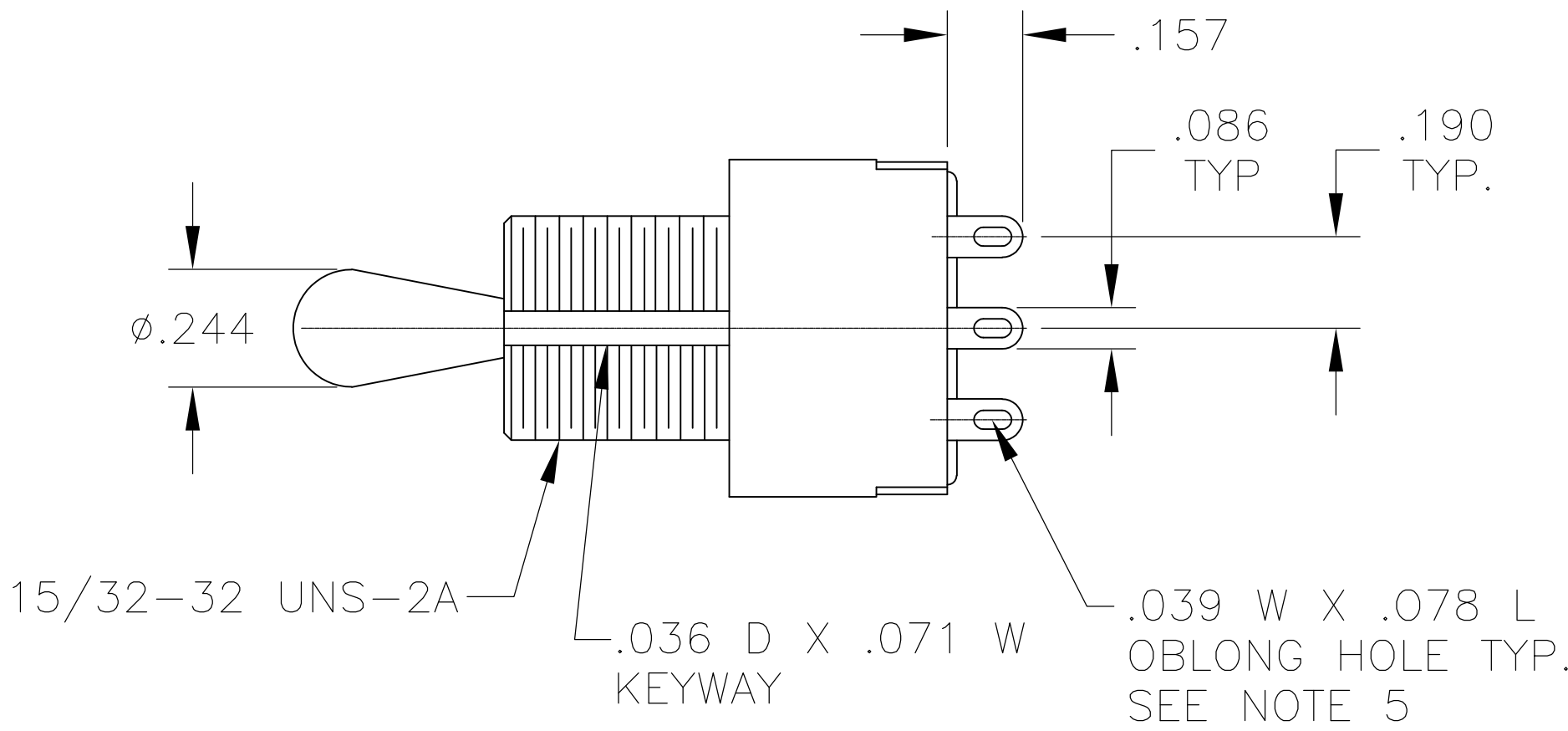
MTG-306



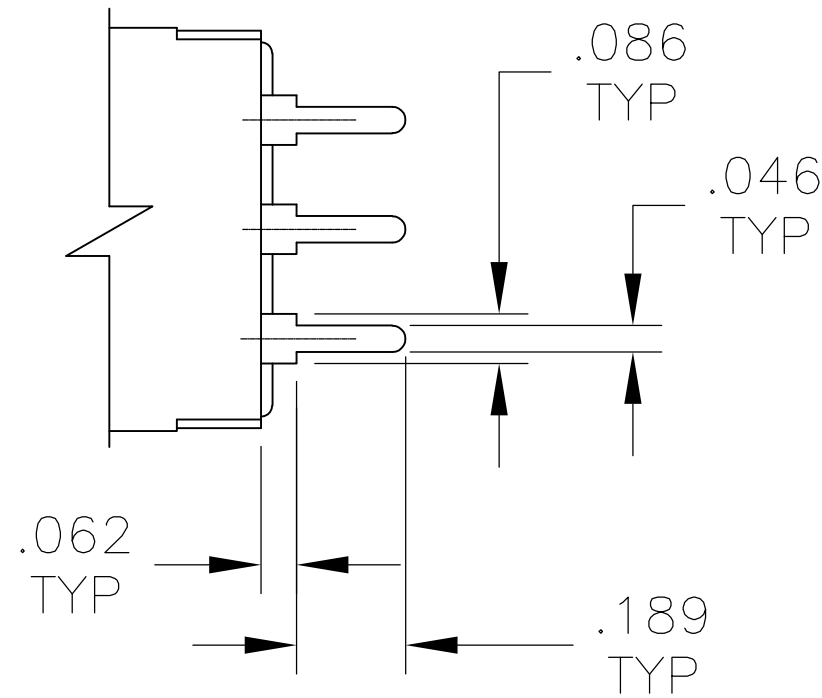
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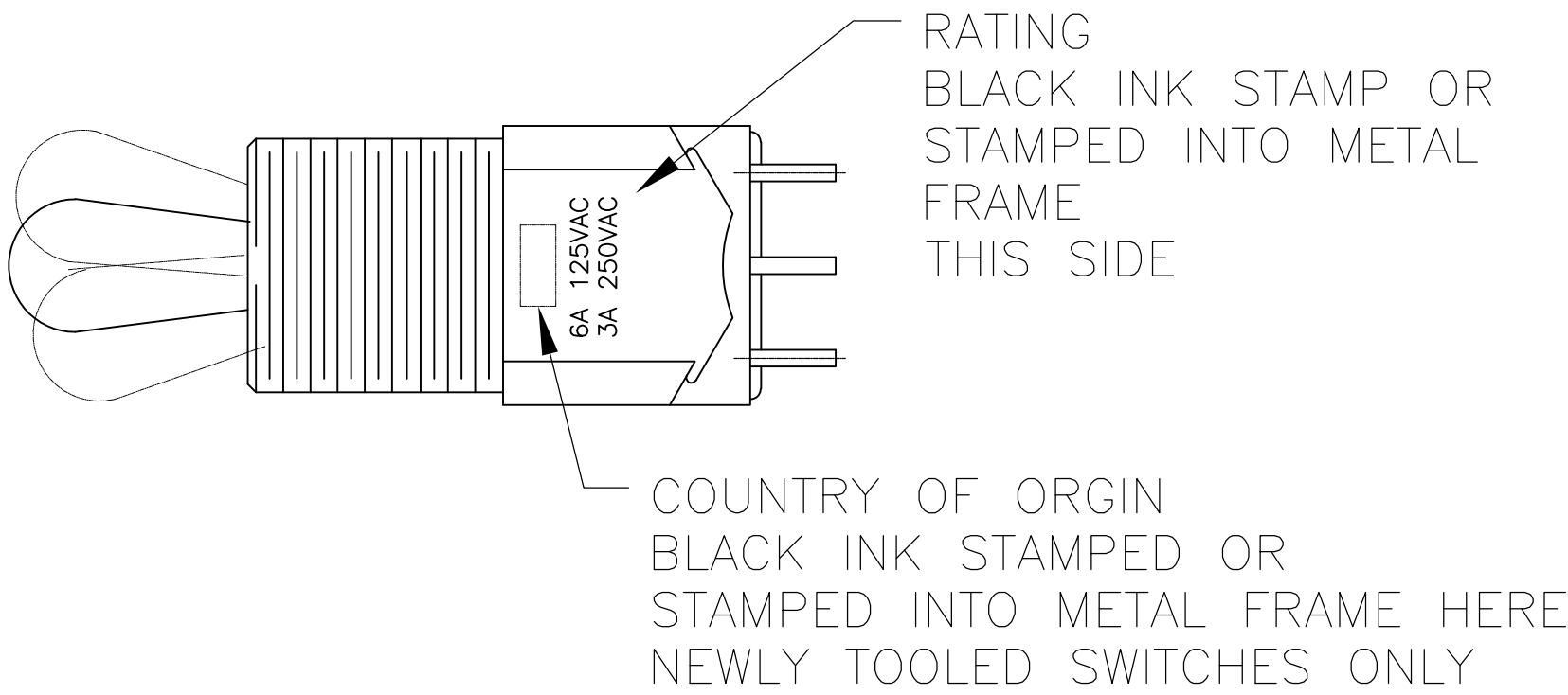
COUNTRY OF ORGIN STAMPED HERE EXISTING SWITCHES ONLY



WIRE LUG TERMINAL



PC TERMINAL



RATING BLACK INK STAMP OR STAMPED INTO METAL FRAME THIS SIDE

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER 29DEC03	TE Connectivity	
DIMENSIONS: INCHES		CHK M. ZITTO 29DEC03		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROD M. ZITTO 29DEC03	NAME	
0.001		PRODUCT SPEC	TOGGLE SWITCH, MTG SERIES VERTICAL MOUNT	
0.002		APPLICATION SPEC	SIZE	
0.005		WEIGHT	CAGE CODE	
0.010		CUSTOMER DRAWING	DRAWING NO	
0.020		SCALE	RESTRICTED TO	
0.050		3:1	1-1437559-1	
0.100		SHEET	REV	
0.200		3 OF 3	D5	

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