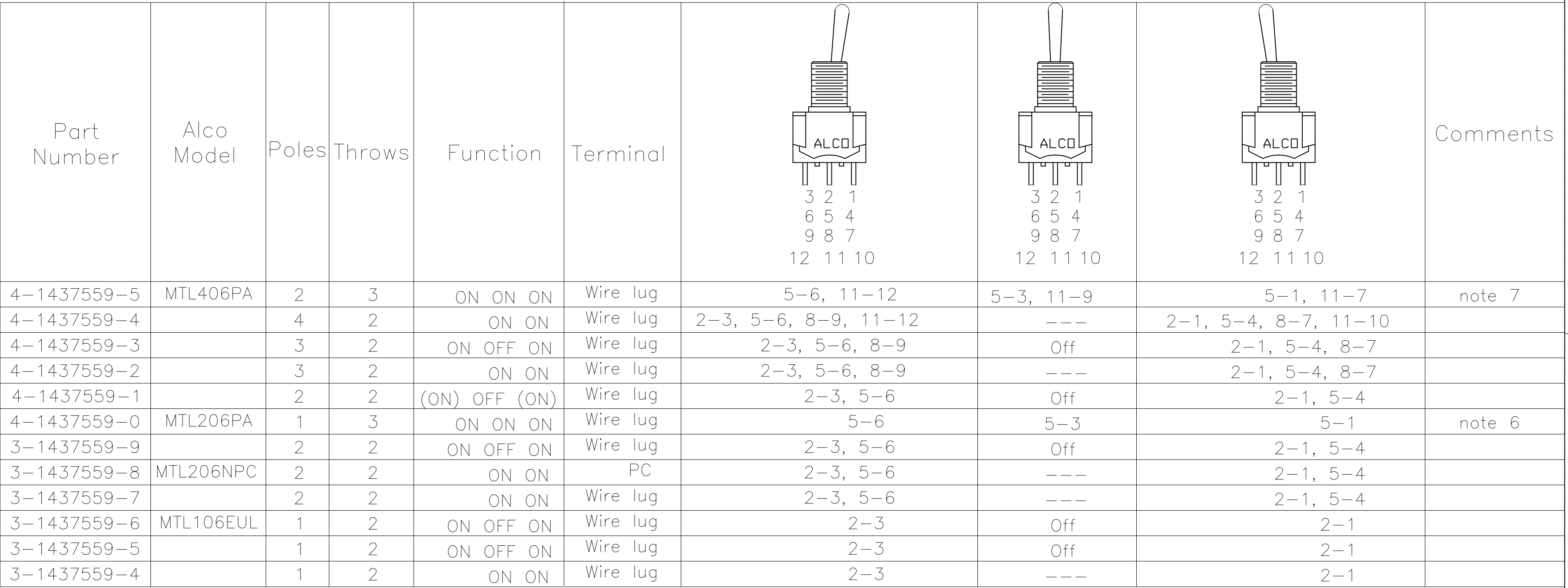
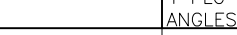
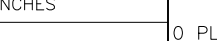


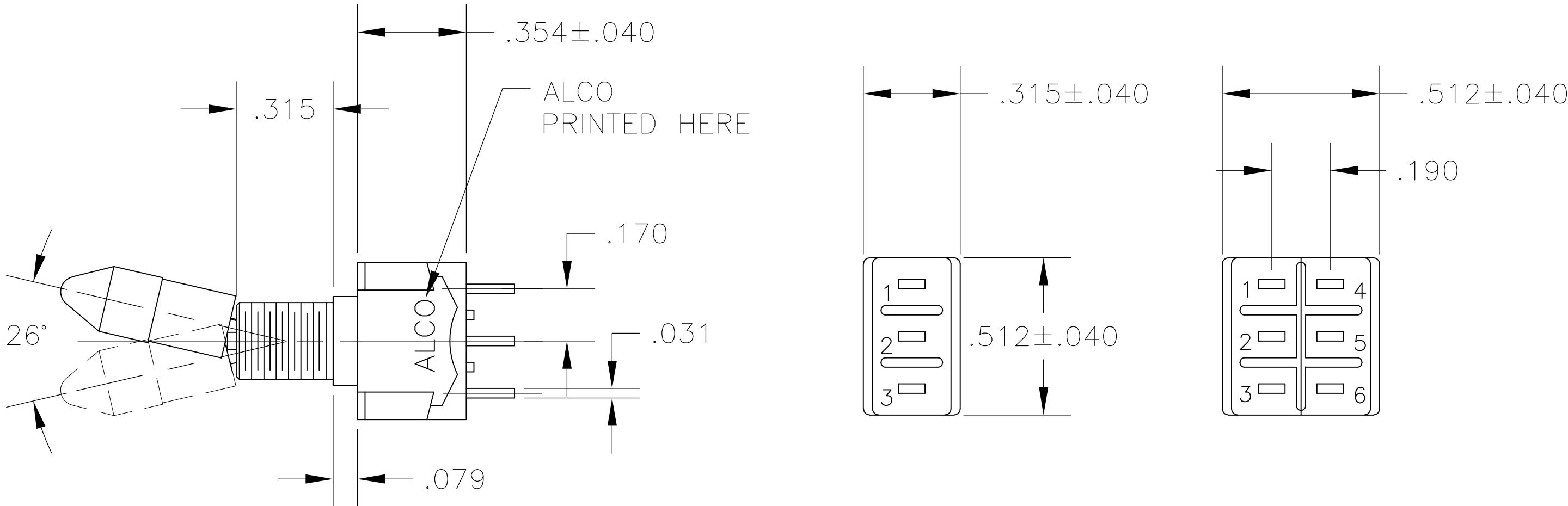
A detailed technical drawing of a mechanical assembly, likely a pump or valve component, shown in a cross-sectional view. The drawing includes 17 numbered callouts pointing to various parts: 1. A small circular component at the bottom right. 2. A vertical rod or pin. 3. A horizontal rod or pin. 4. A vertical rod or pin. 5. A horizontal rod or pin. 6. A vertical rod or pin. 7. A small circular component at the bottom left. 8. A small circular component at the bottom left. 9. A small circular component at the top right. 10. A small circular component at the top right. 11. A small circular component at the bottom left. 12. A small circular component at the bottom left. 13. A small circular component at the bottom left. 14. A small circular component at the bottom left. 15. A small circular component at the top left. 16. A small circular component at the top left. 17. A small circular component at the top left.

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

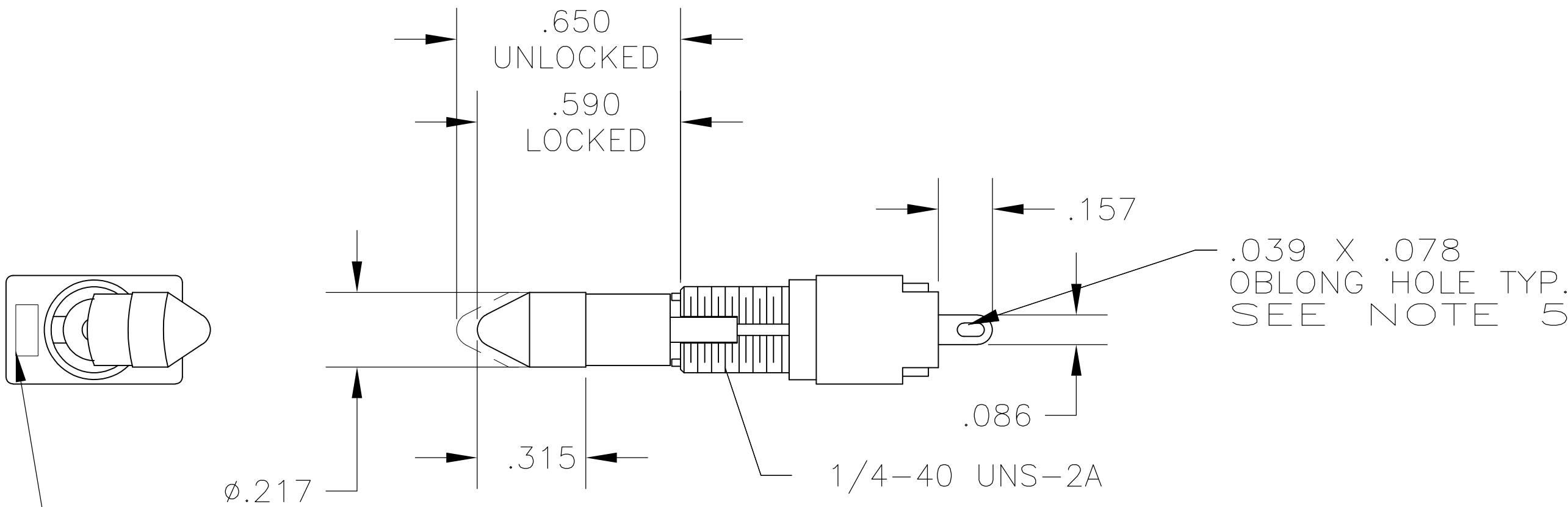


- |   |  |                  |         |   |               |               |
|---|--|------------------|---------|---|---------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN: M_BINNER    | 29DEC03 |  TE Connectivity |               |               |
| DIMENSIONS: INCHES  |  | CHK: M_ZITTO     | 29DEC03 |   |               | NAME          |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:  |  | M_ZITTO          | 29DEC03 |   |               |               |
|  |  | PRODUCT SPEC     |         | TOGGLE SWITCH, MTL SERIES<br>VERTICAL MOUNT<br>-  |               |               |
| 0. PLC ± -<br>1. PLC ± -<br>2. PLC ± .005<br>4. PLC ± -<br>ANGLES ± -<br>FINISH -     |  | APPLICATION SPEC |         |   |               |               |
| MATERIAL -  |  | WEIGHT -         |         |   |               |               |
|   |  | SIZE             |         | CAGE CODE   | DRAWING NO    | RESTRICTED TO |
|   |  | A1               |         | 00779   | C-3-1437559-7 | -             |
| CUSTOMER DRAWING  |  | SCALE            |         | 1:1   | SHEET         | 1 OF 3        |
|   |  |                  |         |   | REV           | 05            |

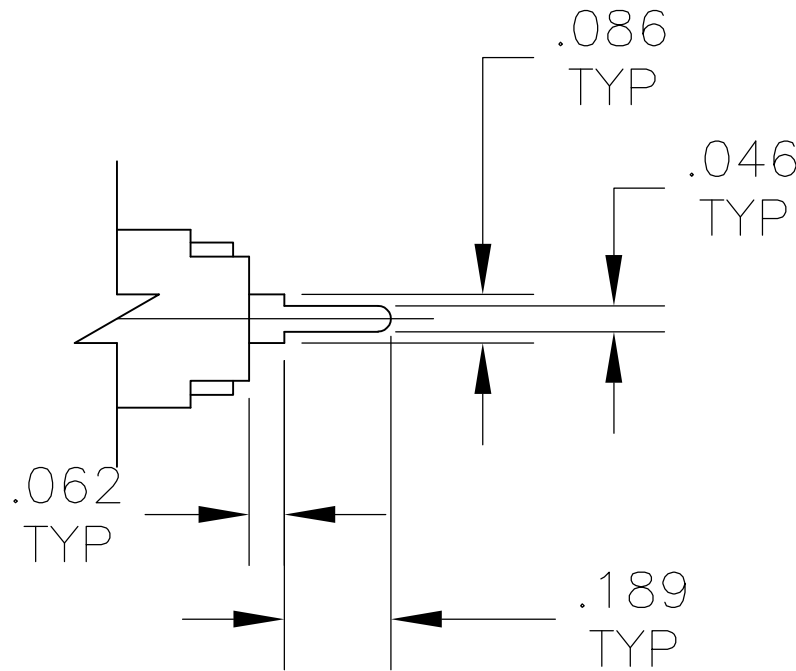
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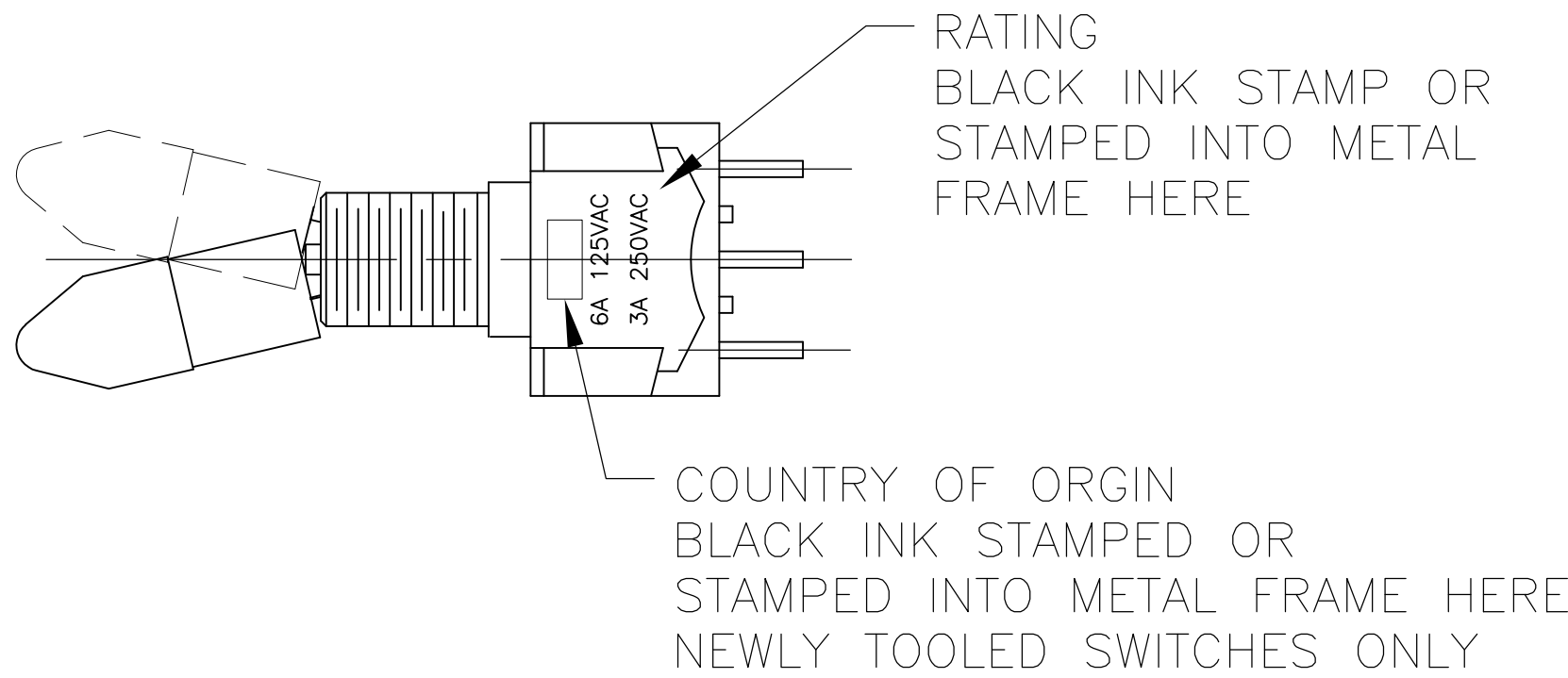
MTL-106    MTL-206



WIRE LUG TERMINAL



PC TERMINAL

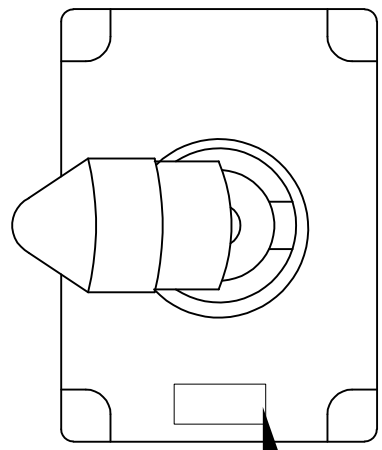
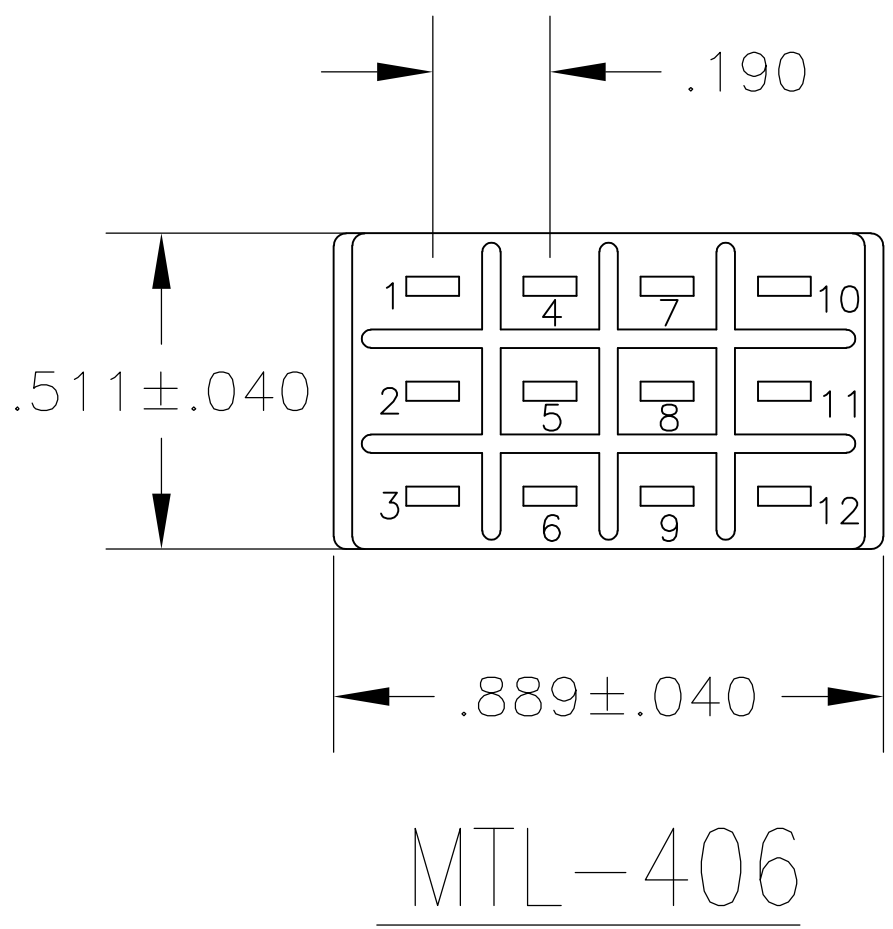
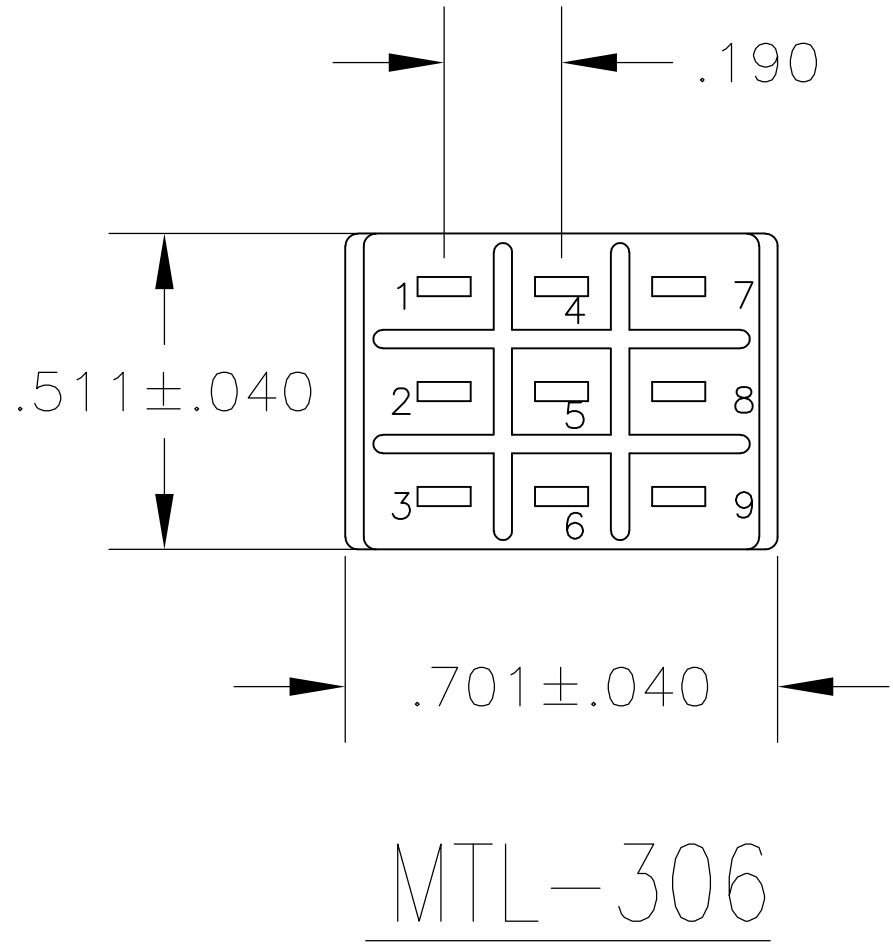
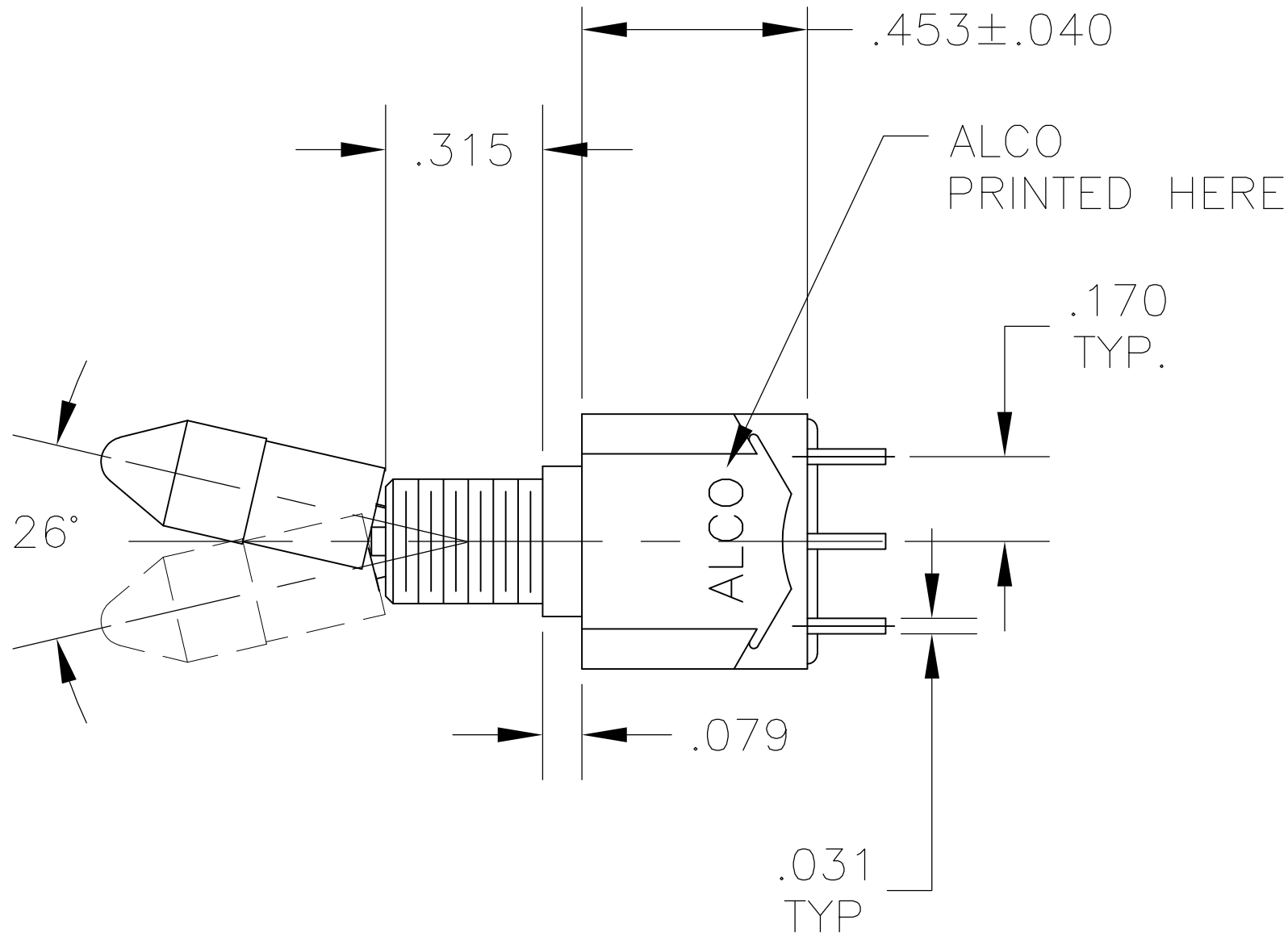


RATING  
BLACK INK STAMP OR  
STAMPED INTO METAL  
FRAME HERE

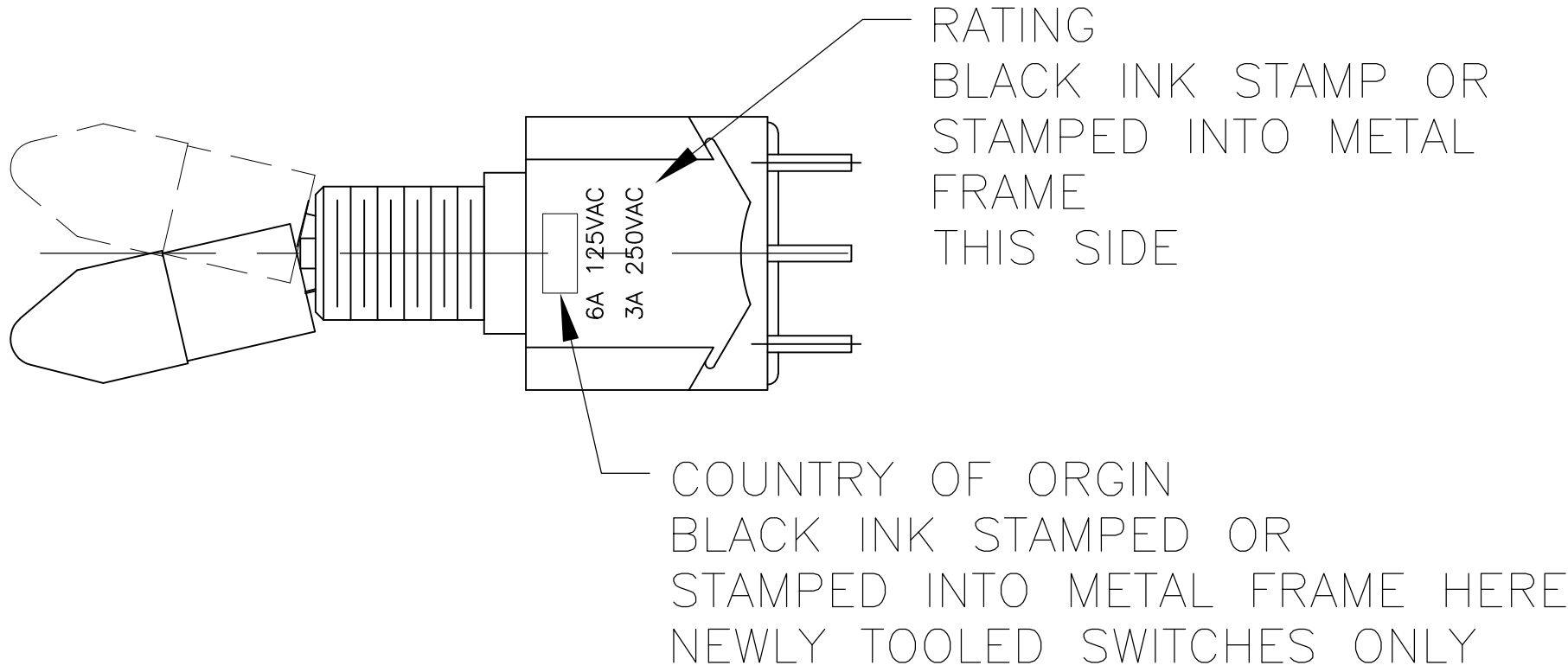
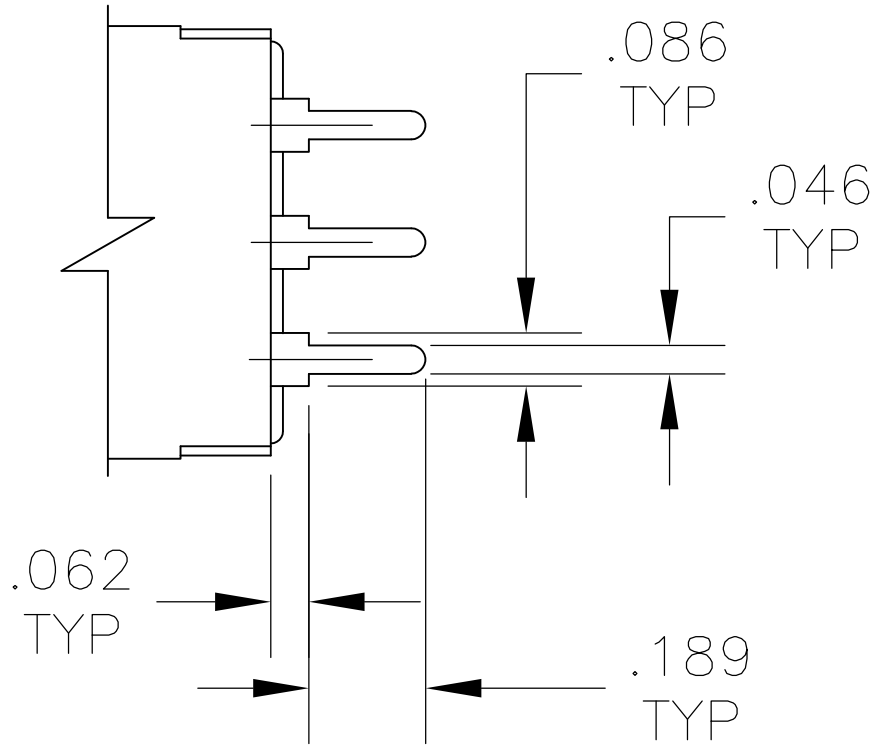
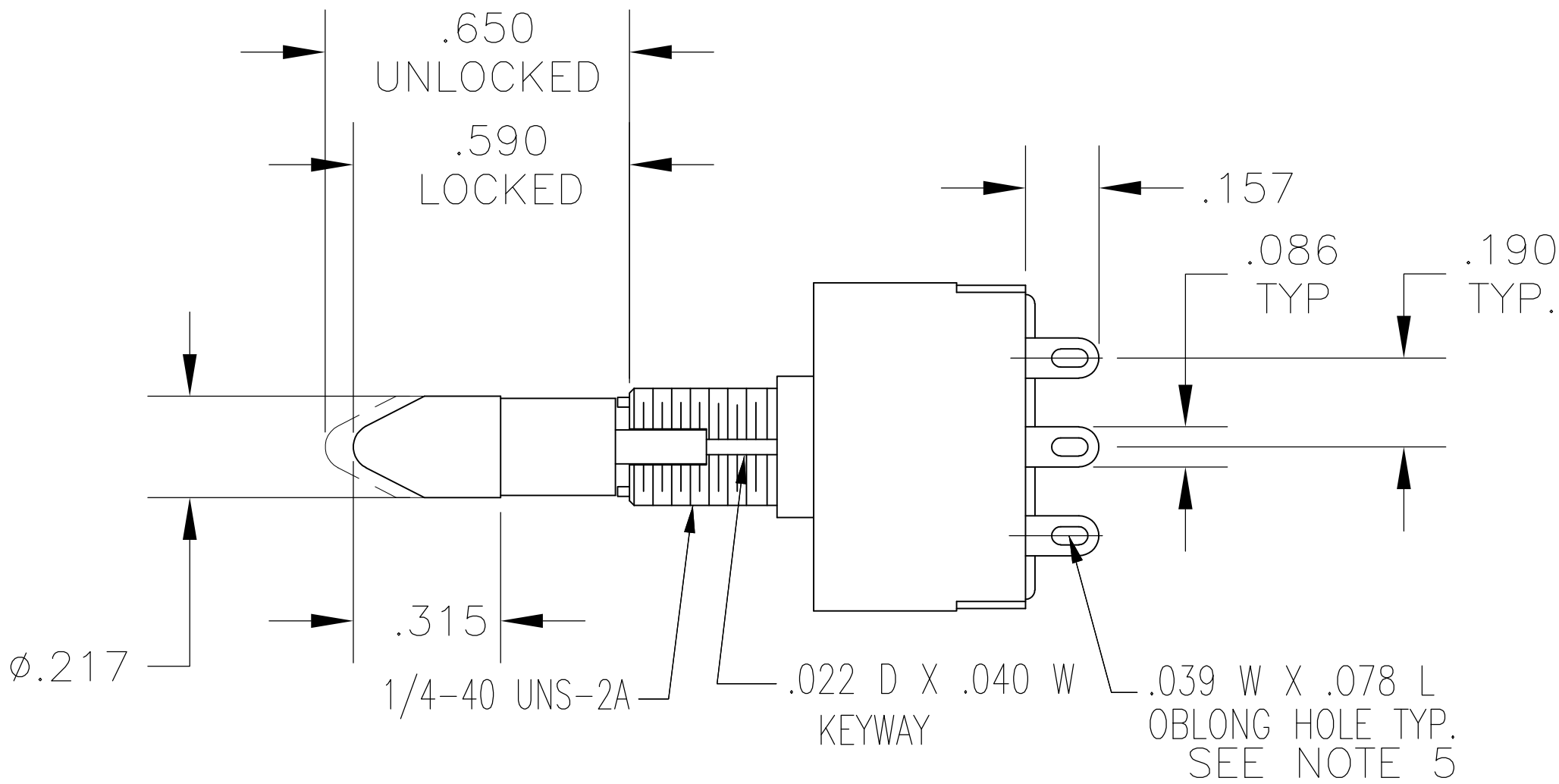
COUNTRY OF ORIGIN  
BLACK INK STAMPED OR  
STAMPED INTO METAL FRAME HERE  
NEWLY TOOLED SWITCHES ONLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER 29DEC03	TE Connectivity	
		CHK M. ZITTO 29DEC03		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	AP'D M. ZITTO 29DEC03	NAME TOGGLE SWITCH, MTL SERIES VERTICAL MOUNT	
		PRODUCT SPEC	—	
	0. PLC ± .005 1. PLC ± .005 2. PLC ± .005 3. PLC ± .005 4. PLC ± .005 ANGLES ± .005	APPLICATION SPEC	—	
		—	—	
MATERIAL	FINISH	WEIGHT	A1 00779 3-1437559-7	
—	—	—	—	
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 3	REV D5

LOC		DIST		REVISIONS			
AD		00		REV	DATE	BY	APPD
				1	SEE SHEET 1		



COUNTRY OF ORGIN  
STAMPED HERE  
EXISTING  
SWITCHES ONLY



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER	29DEC03	TE Connectivity	
		CHK M. ZITTO	29DEC03		
DIMENSIONS: INCHES		APPROD M. ZITTO	29DEC03	NAME TOGGLE SWITCH, MTL SERIES VERTICAL MOUNT	
		PRODUCT SPEC			
		APPLICATION SPEC			
		WEIGHT			
MATERIAL		FINISH			
		CUSTOMER DRAWING			
		SCALE 1:1			
		SHEET 3 OF 3			
		REV D5			

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