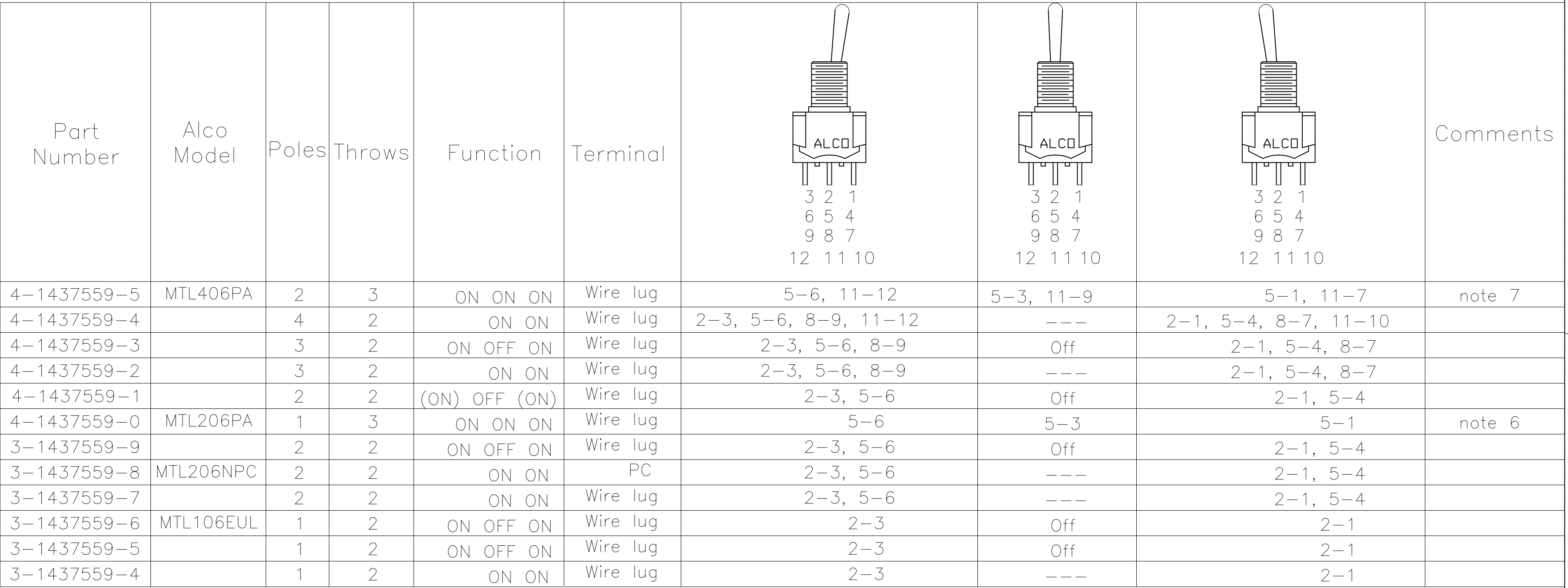
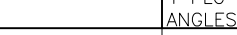


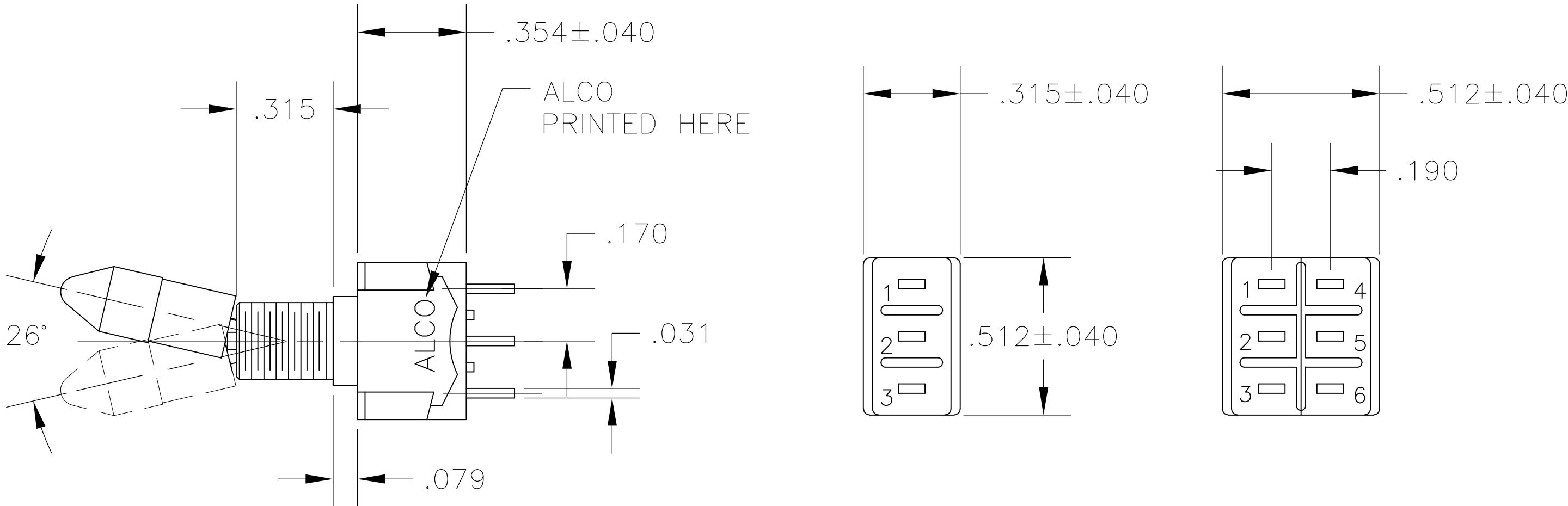
A detailed technical drawing of a mechanical assembly, likely a pump or valve component, shown in a cross-sectional view. The drawing includes 17 numbered callouts pointing to various parts: 1. A small circular component at the bottom right. 2. A vertical rod or pin. 3. A horizontal rod or pin. 4. A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

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

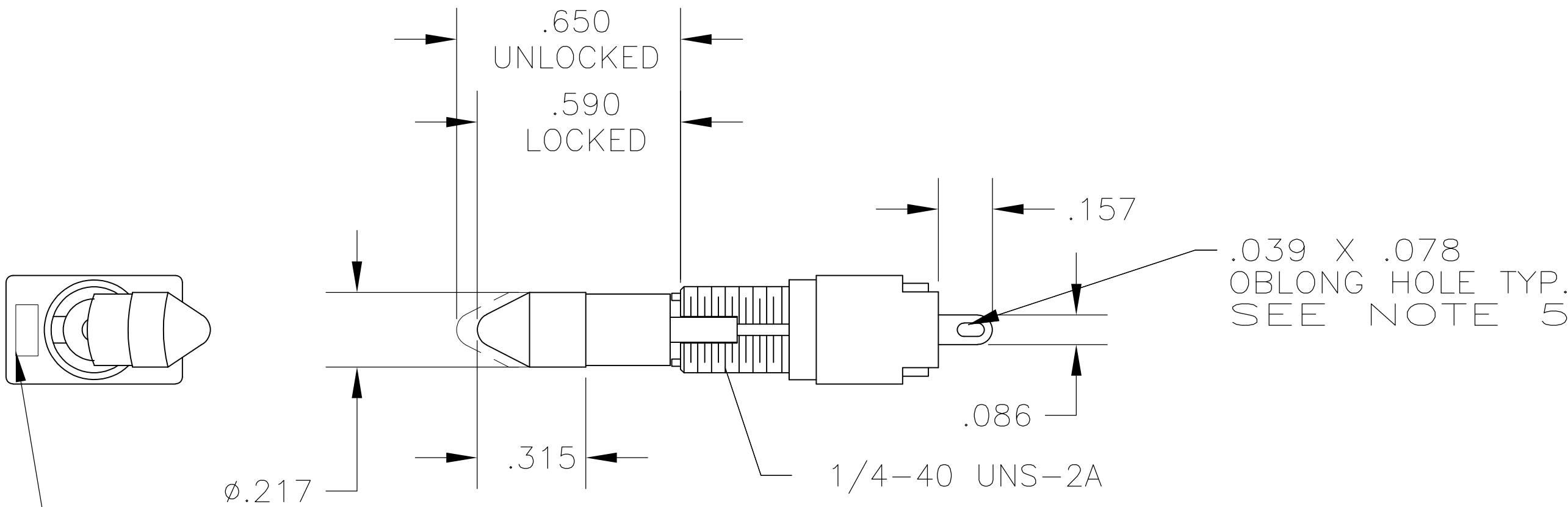


- |   |  |  |  |                  |         |   |           |               |               |
|---|--|--|--|------------------|---------|---|-----------|---------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  |  |  |                  |         | DWG                             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

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

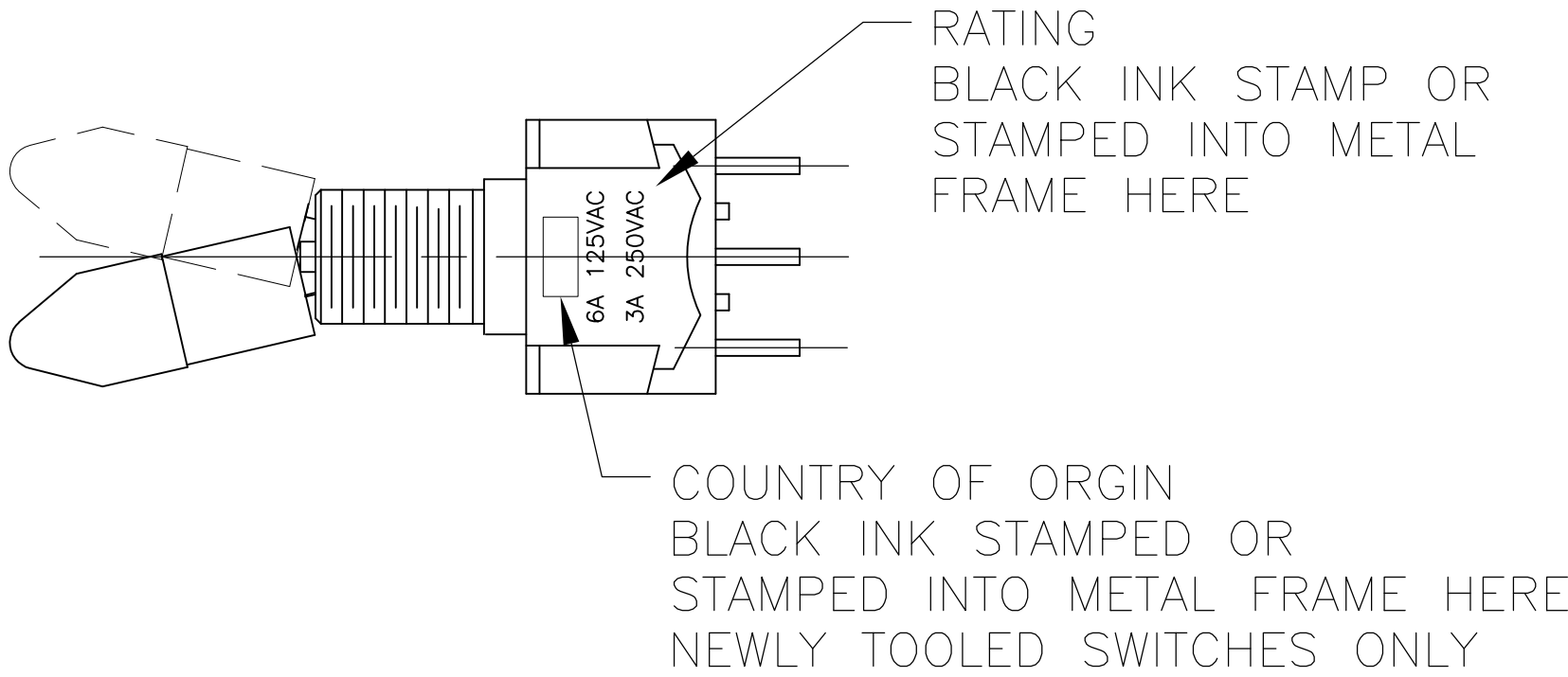


MTL-106    MTL-206

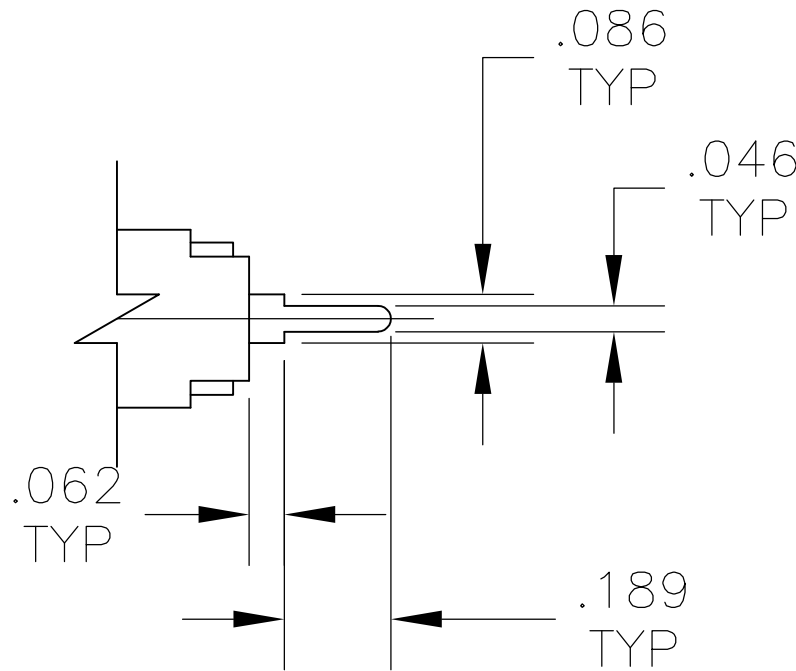


COUNTRY OF ORIGIN  
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EXISTING  
SWITCHES ONLY

WIRE LUG TERMINAL



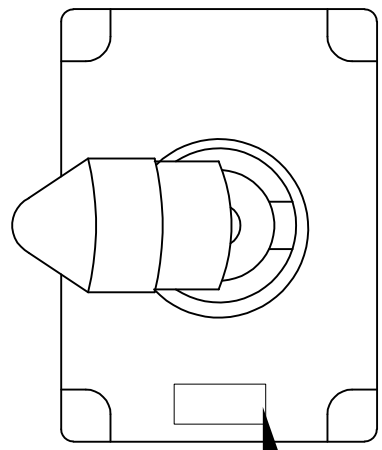
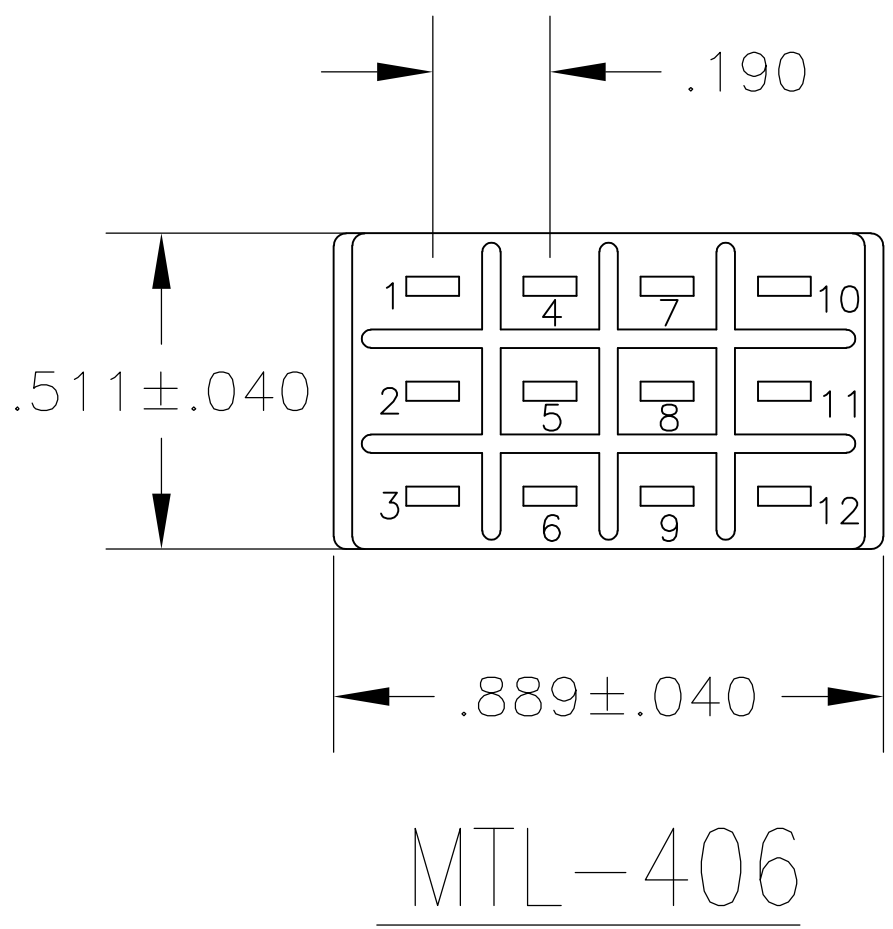
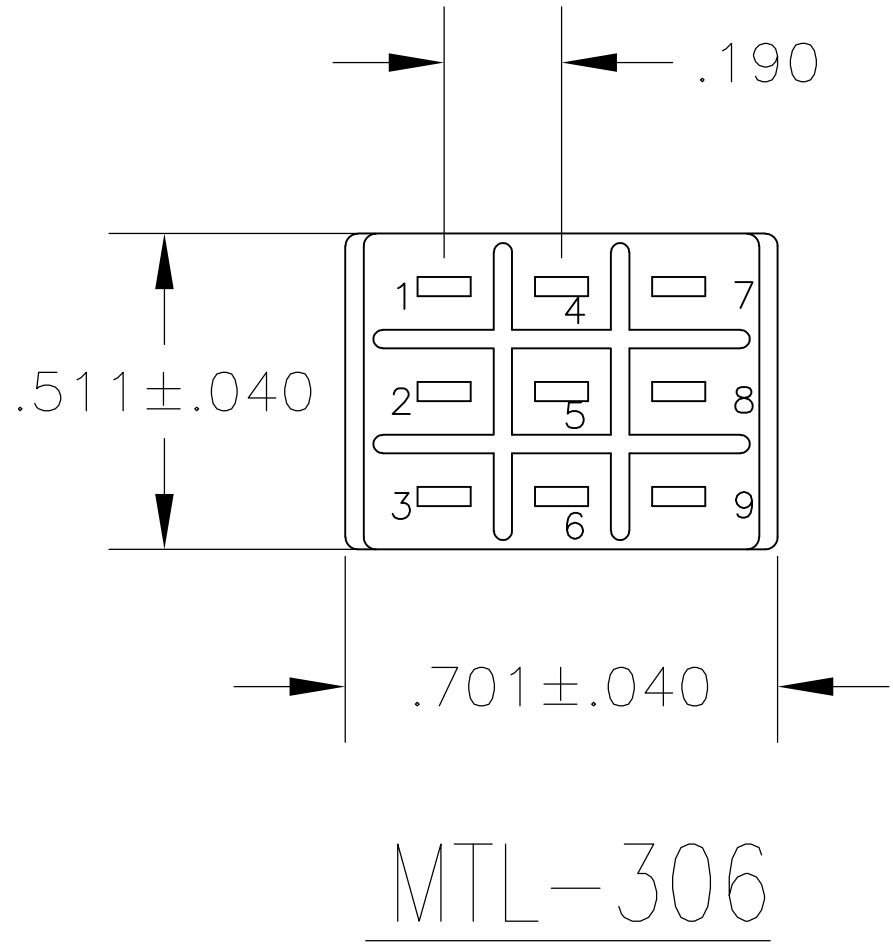
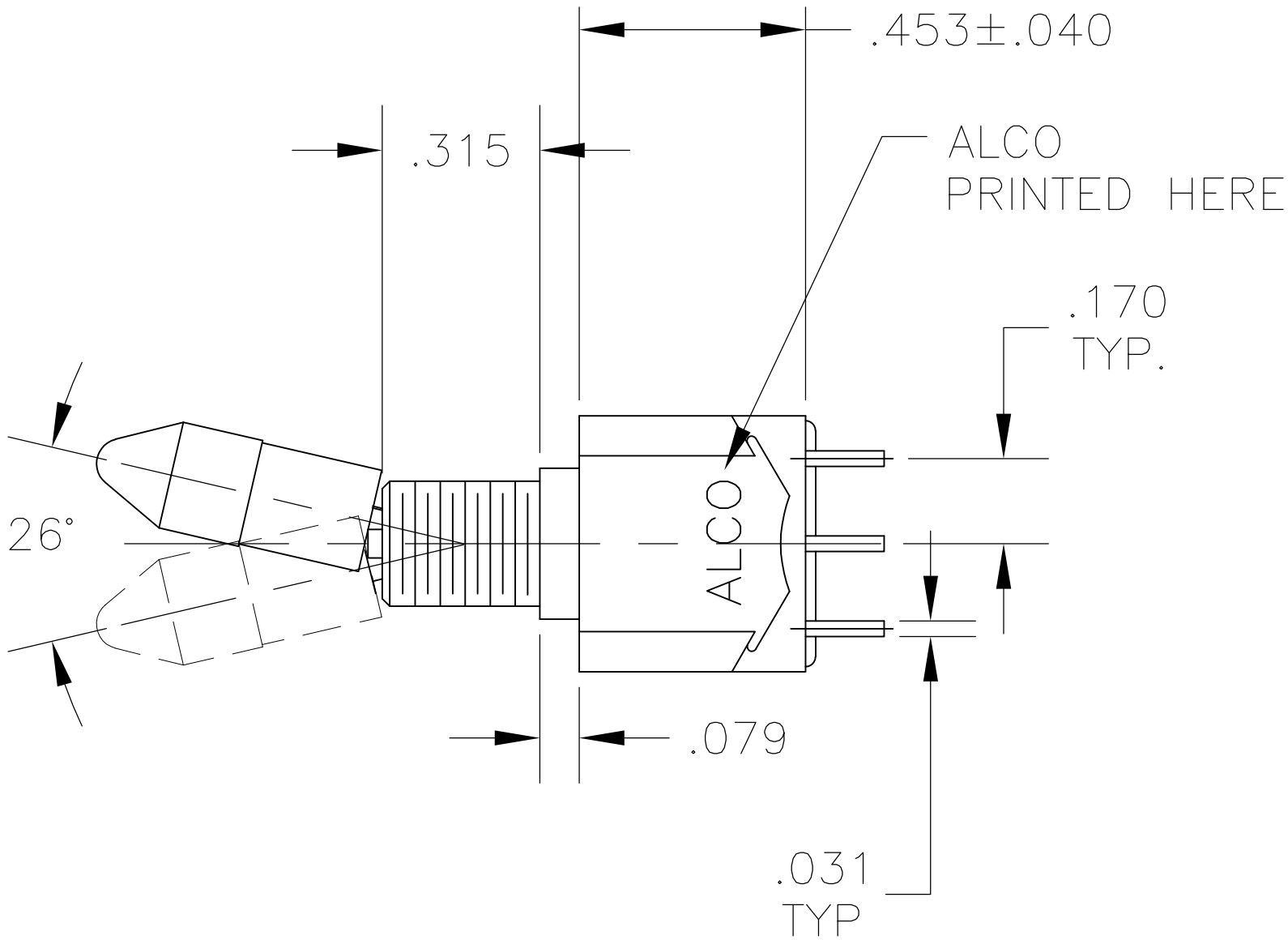
COUNTRY OF ORIGIN  
BLACK INK STAMPED OR  
STAMPED INTO METAL FRAME HERE  
NEWLY TOOLED SWITCHES ONLY



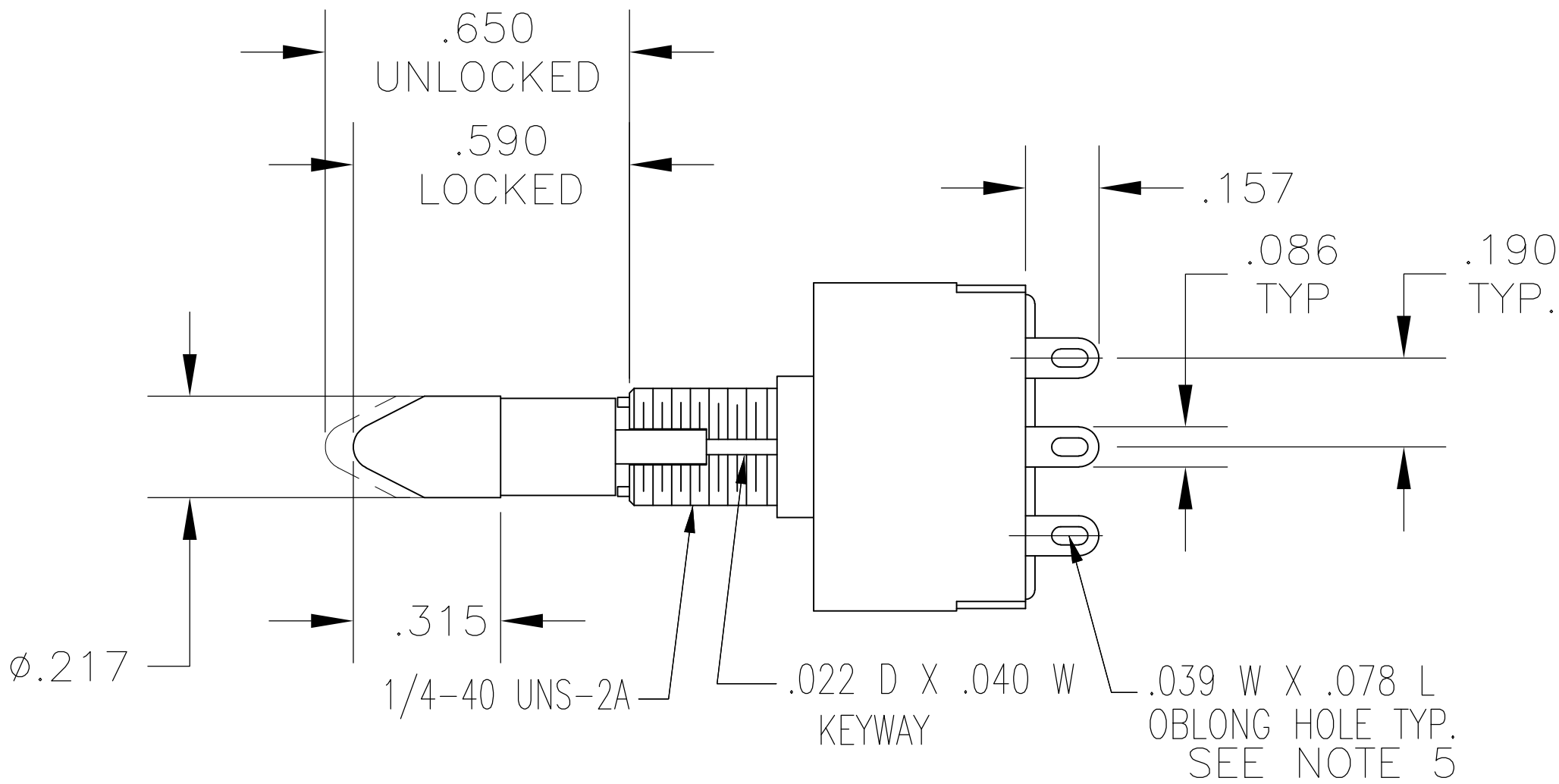
PC TERMINAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER 29DEC03	TE Connectivity	
		CHK M. ZITTO 29DEC03		
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPROD 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	SIZE A1	
		—	CAGE CODE 3-1437559-7	
MATERIAL —	FINISH —	WEIGHT —	RESTRICTED TO —	
CUSTOMER DRAWING		SCALE 1:1	SHEET 2	OF 3
			REV D5	

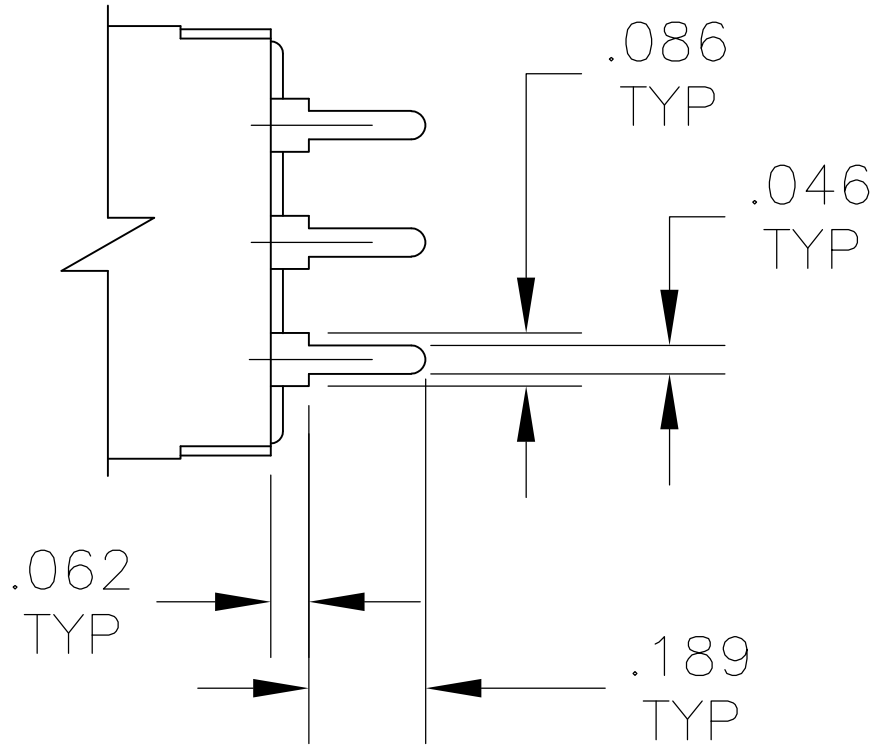
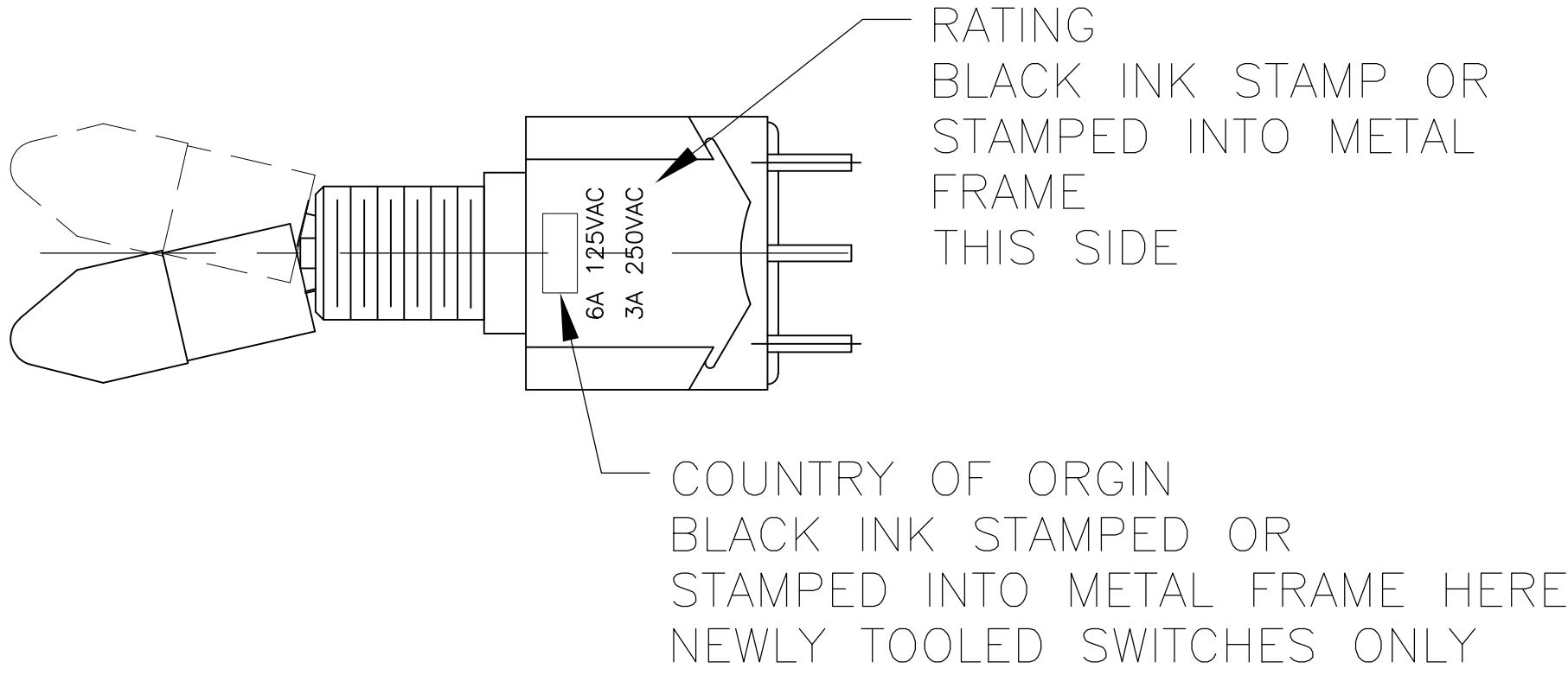
LOC		DIST		REVISIONS			
AD		00		DATE	BY	REV	APPROV
				DATE	BY	REV	APPROV
				DATE	BY	REV	APPROV



COUNTRY OF ORIGIN  
STAMPED HERE  
EXISTING  
SWITCHES ONLY



### WIRE LUG TERMINAL



### PC TERMINAL

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		CUSTOMER DRAWING			
		SCALE 1:1		SHEET 3 OF 3	
		REV D5			

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