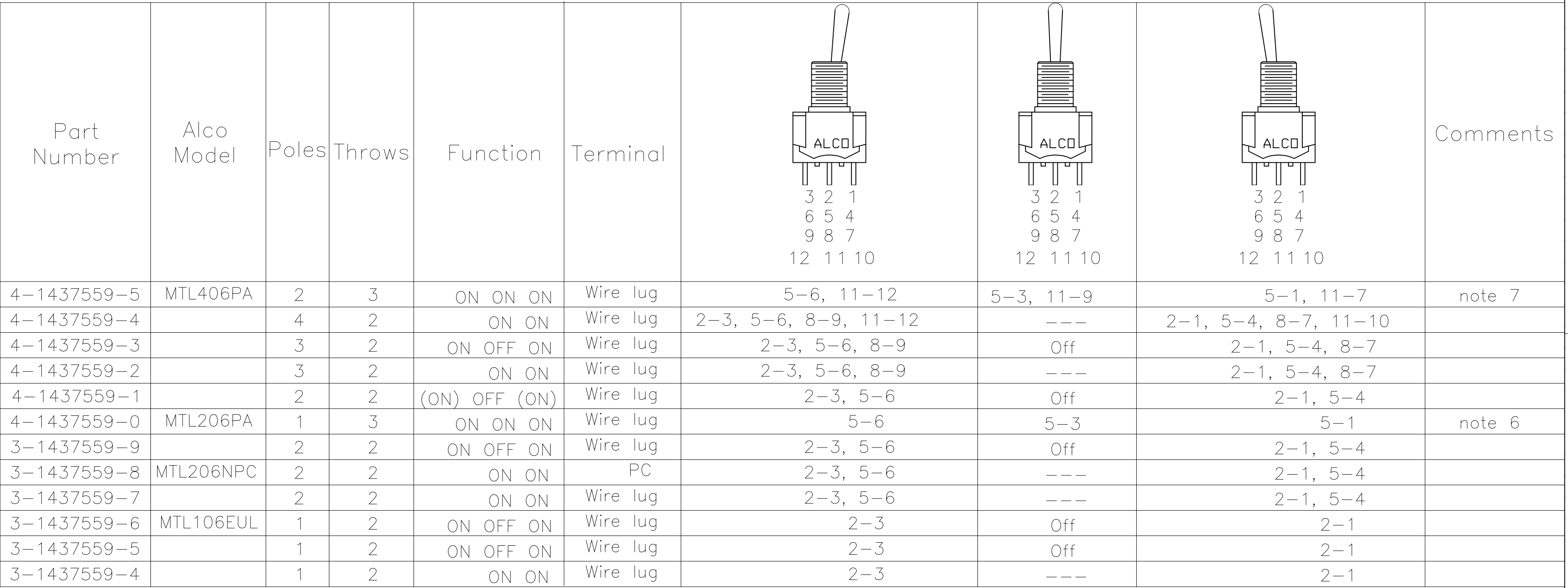


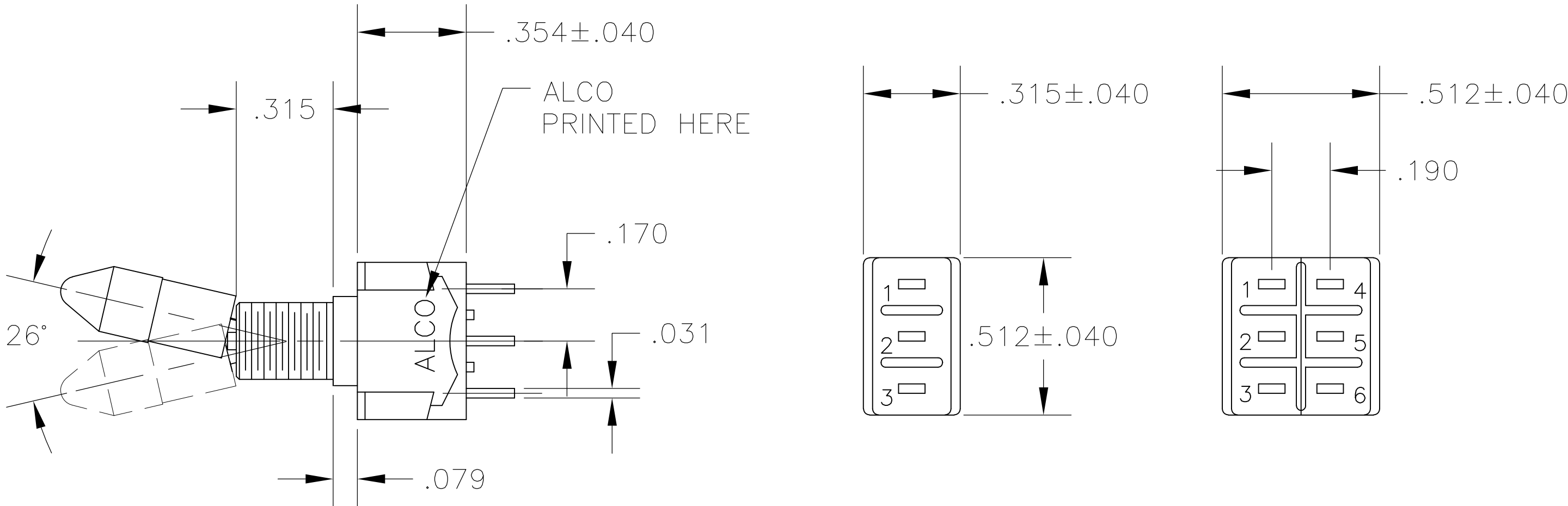
A detailed technical drawing of a mechanical assembly, likely a pump or valve component, shown in a cross-sectional view. The drawing includes 17 numbered callouts pointing to various parts: 1. A small circular component at the bottom right. 2. A vertical rod or pin. 3. A horizontal rod or pin. 4. A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

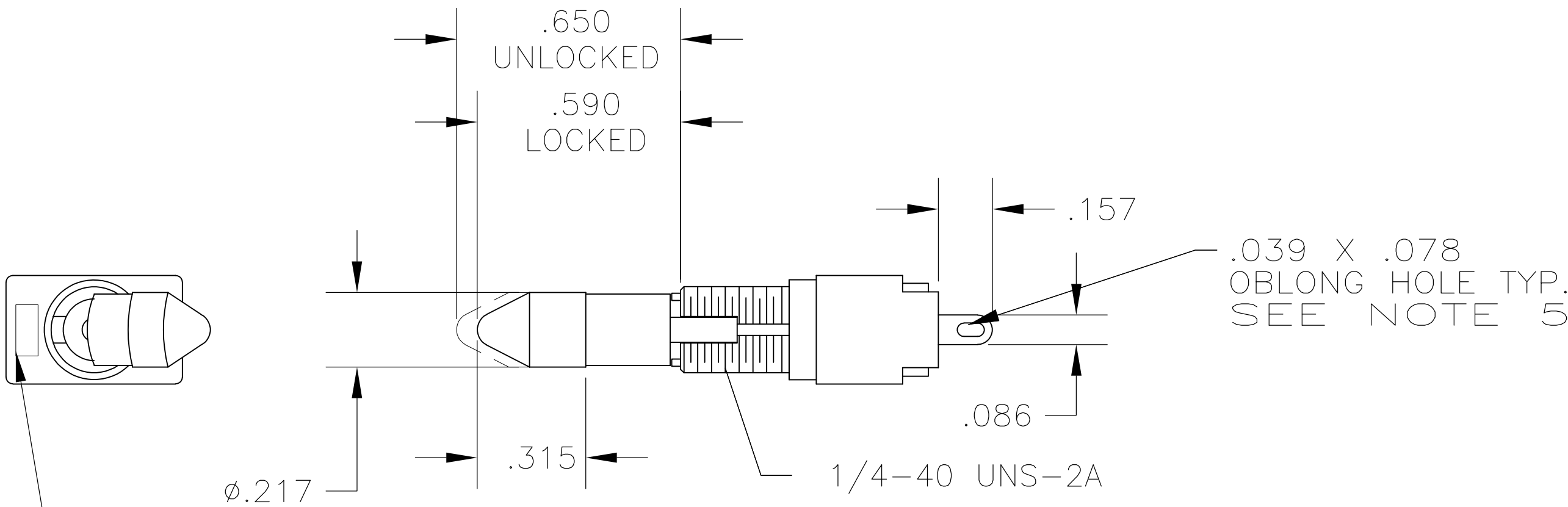


- [illegible]

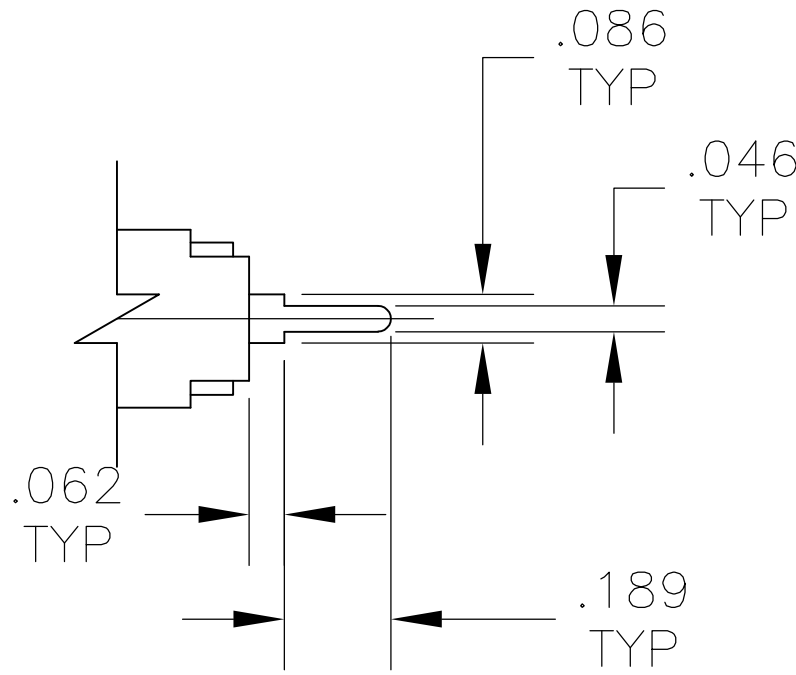
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
AD	00	-	-	SEE SHEET 1	-	-



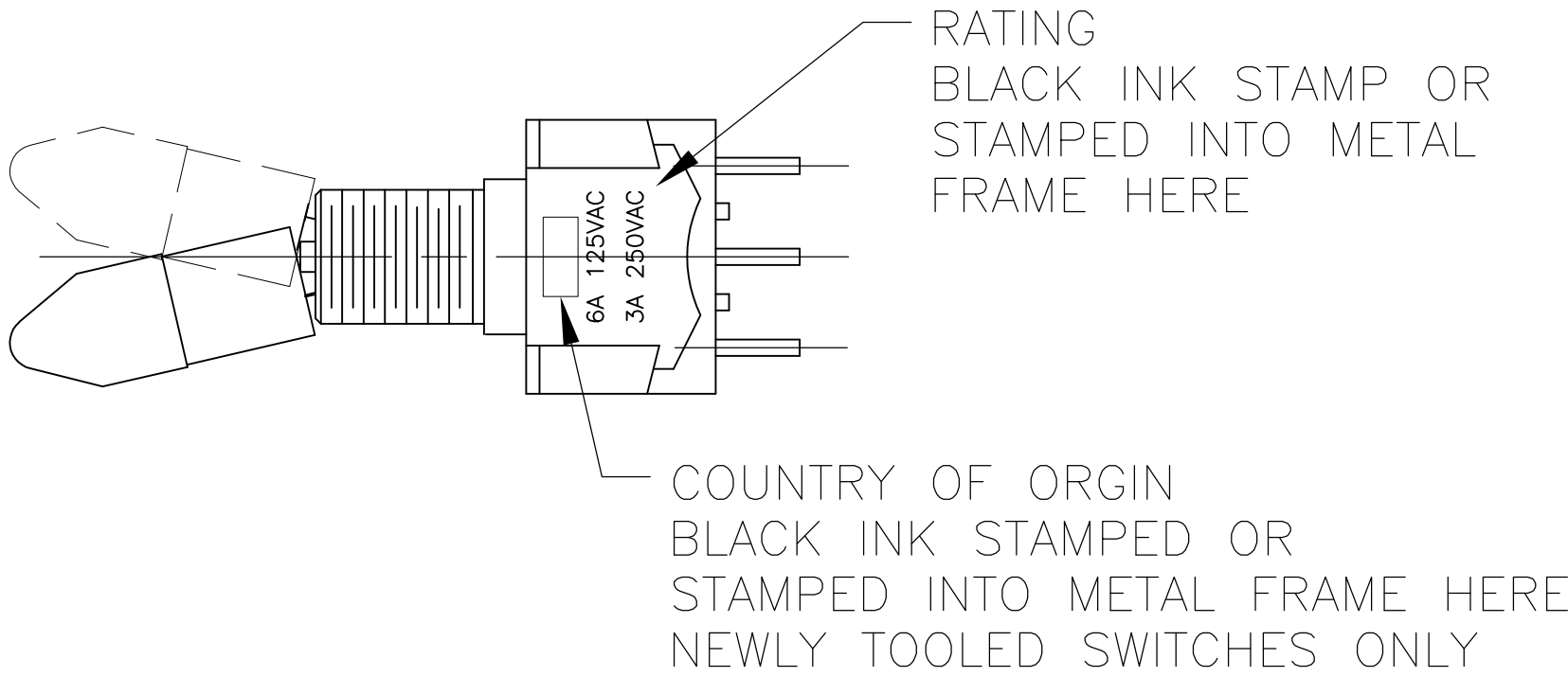
MTL-106 MTL-206



WIRE LUG TERMINAL



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	—	
		—	—	
MATERIAL	FINISH	WEIGHT	A1 00779 3-1437559-7	
—		—	—	
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 3	REV D5

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