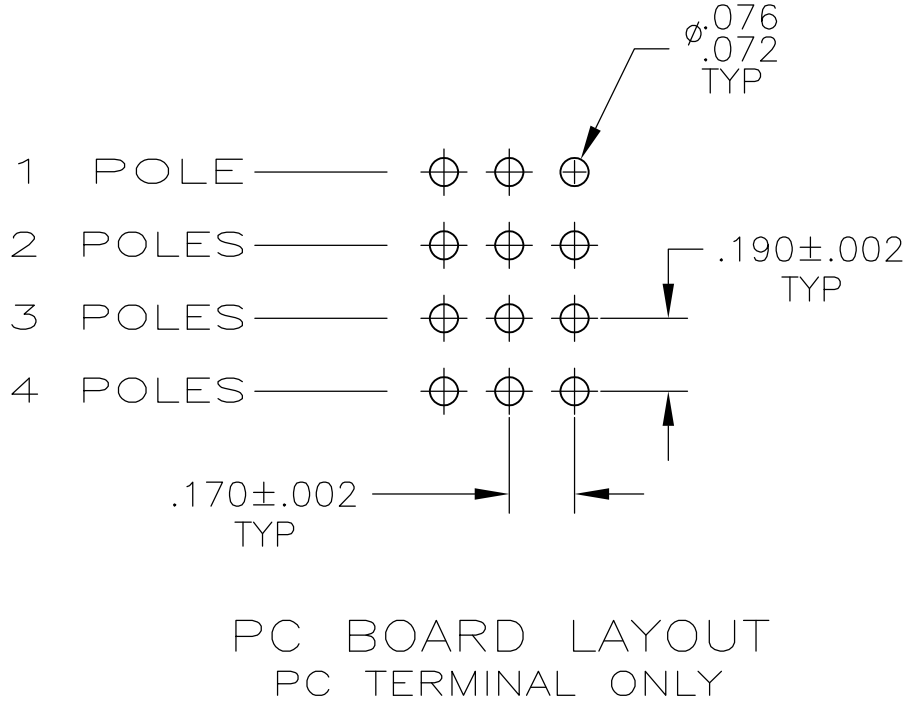
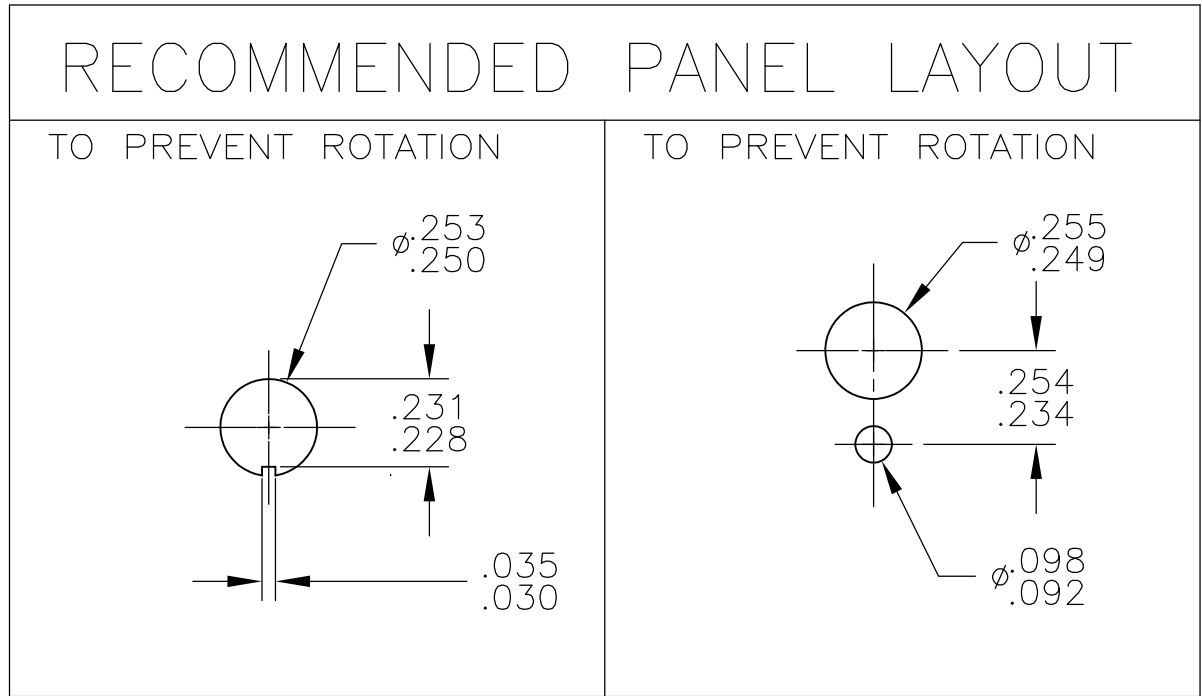
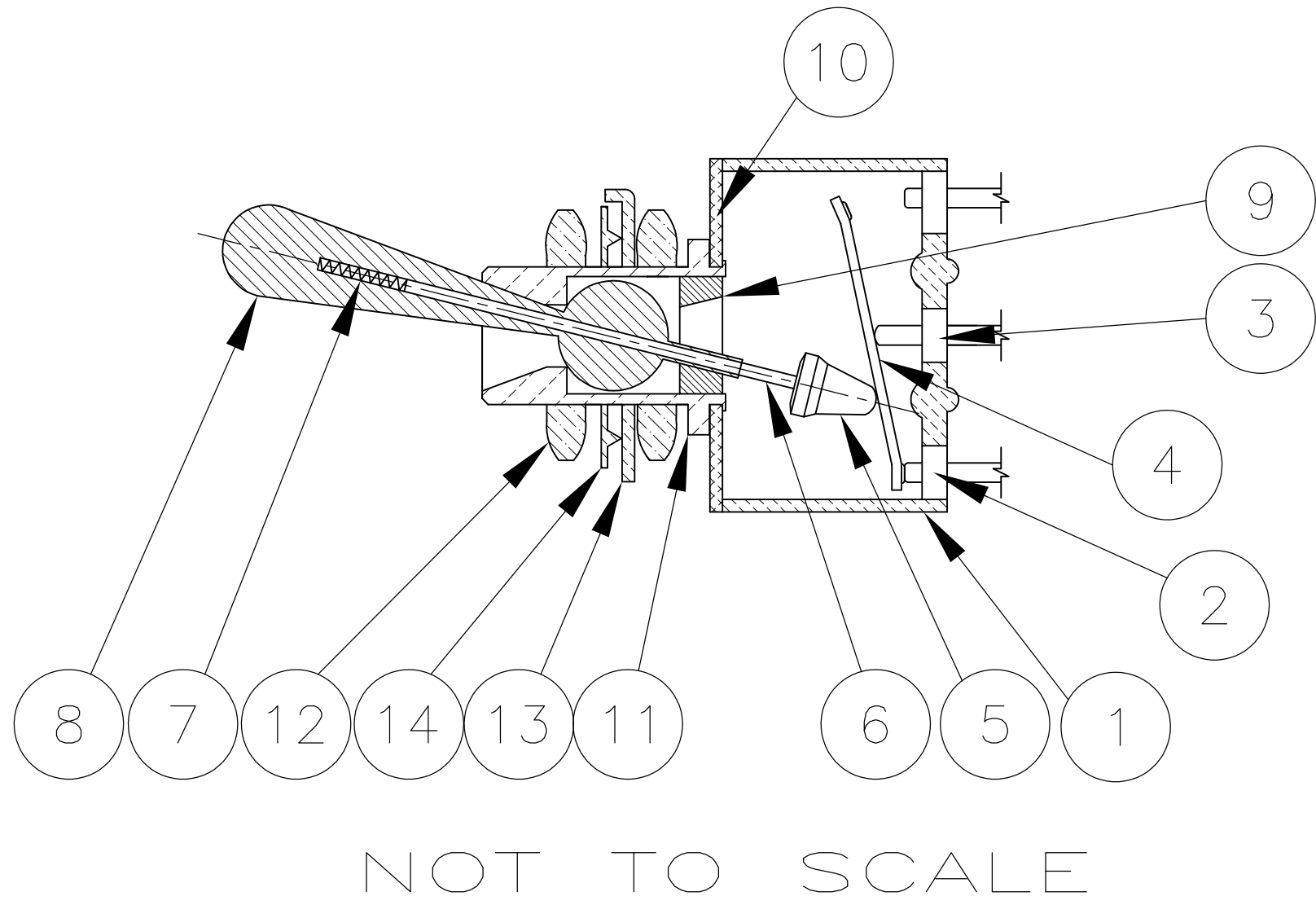


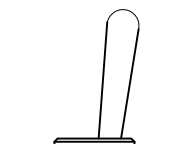
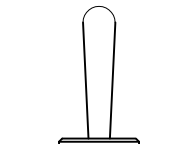
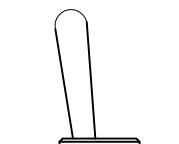
MATERIALS			
NO.	COMPONENT NAME	BASE MATERIAL	FINISH
1	Housing	Epoxy Resin, UL94 V-0, Green or Blue	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	5 microinches min. gold
5	Actuator	Phenol 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

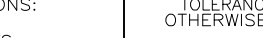
SPECIFICATIONS—SEE NOTE 3				
CURRENT RATING UL & CSA	6A @ 125 VAC (resistive)			
	3A @ 250 VAC (resistive)			
	4A @ 28 VDC (resistive)			
TERMINATION RESISTANCE	20 milliohms max @ 2–4 VDC, 1A			
INSULATION RESISTANCE	1,000 megohms min.			
WITHSTANDING VOLTAGE	1,000 VAC			
TRAVEL	24 +/–6 degrees			
ACTUATION 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



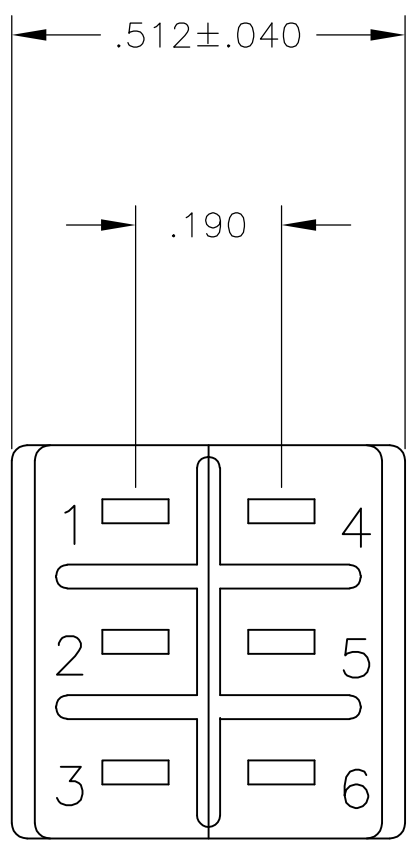
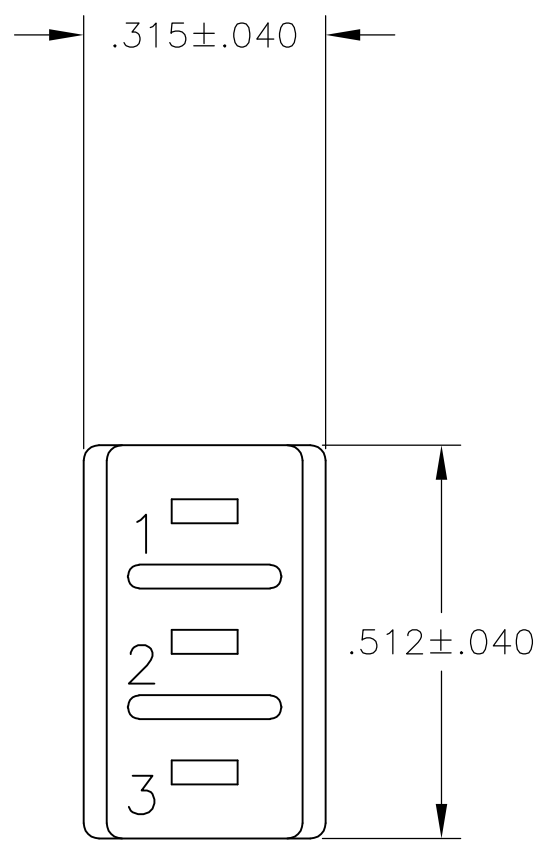
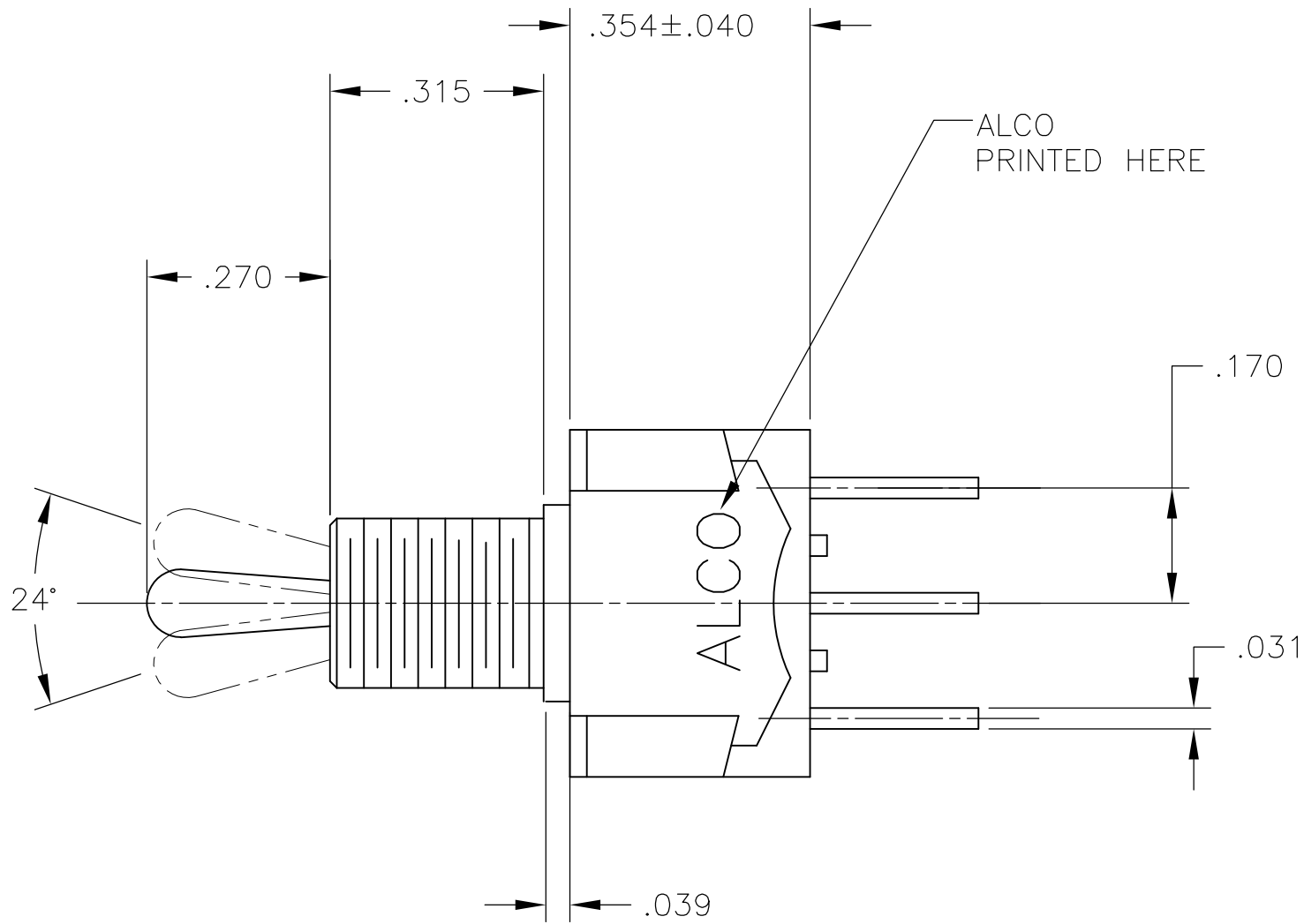
- PER SPEC 202-37
- NOTES:
1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
 2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
 - (2) 1/4-40 UNS-2B HEX NUTS
 - (1) INTERNAL TOOTH LOCKWASHER
 - (1) LOCATING RING

5. CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.
6. OBSOLETE
7. LASER MARKING USED FOR PARTS.

PART NUMBER	ALCO MODEL	POLES	THROWS	FUNCTION	TERMINAL				COMMENTS
5-1437559-4	MTM406NPC	4	2	ON ON	PC	2-3, 5-6, 8-9, 11-12	---	2-1, 5-4, 8-7, 11-10	
5-1437559-3	MTM306DPC	3	2	ON ON	PC	2-3, 5-6, 8-9	---	2-1, 5-4, 8-7	
5-1437559-2	MTM206SPC	2	2	(ON) OFF (ON)	PC	2-3, 5-6	OFF	2-1, 5-4	
5-1437559-1	MTM206PPC	2	2	ON OFF ON	PC	2-3, 5-6	OFF	2-1, 5-4	
5-1437559-0	MTM206PAPC	1	3	ON ON ON	PC	5-6	5-3	5-1	note 5
4-1437559-9	MTM206NPC	2	2	ON ON	PC	2-3, 5-6	---	2-1, 5-4	
4-1437559-8	MTM106FPC	1	2	ON (ON)	PC	2-3	---	2-1	
4-1437559-7	MTM106EPC	1	2	ON OFF ON	PC	2-3	Off	2-1	
4-1437559-6	MTM106DPC	1	2	ON ON	PC	2-3	---	2-1	

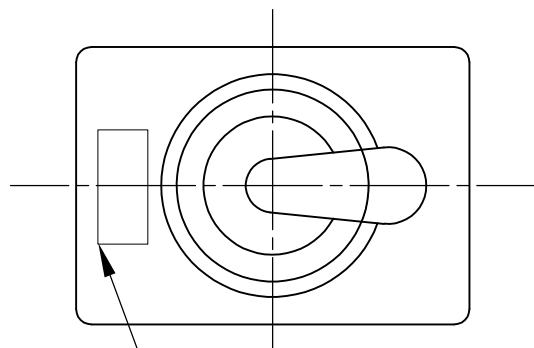
THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN: M.BINNER	290CG03			TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK: M.ZITTO	290CG03	NAME	TOGGLE SWITCH, MTM SERIES VERTICAL MOUNT —				
INCHES				APVD: M.ZITTO							
		PRODUCT SPEC									
		APPLICATION SPEC									
MATERIAL	—	FINISH	—	WEIGHT	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
				A1	00779	 4-137559-9	—			—	
CUSTOMER DRAWING						SCALE	4:1	SHEET	1 OF 3	REV	E3

LOC		DIST		REVISIONS				
AD		00		REV	DATE	BY	CHK	APP
				1	SEE SHEET 1			

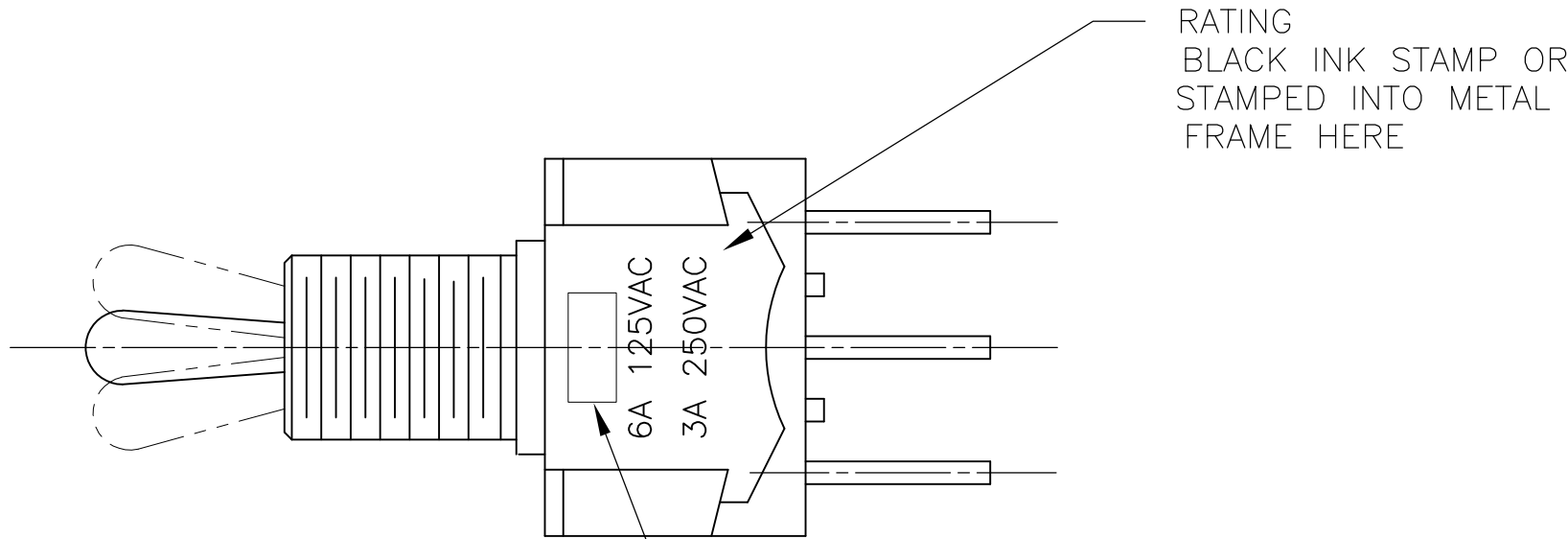
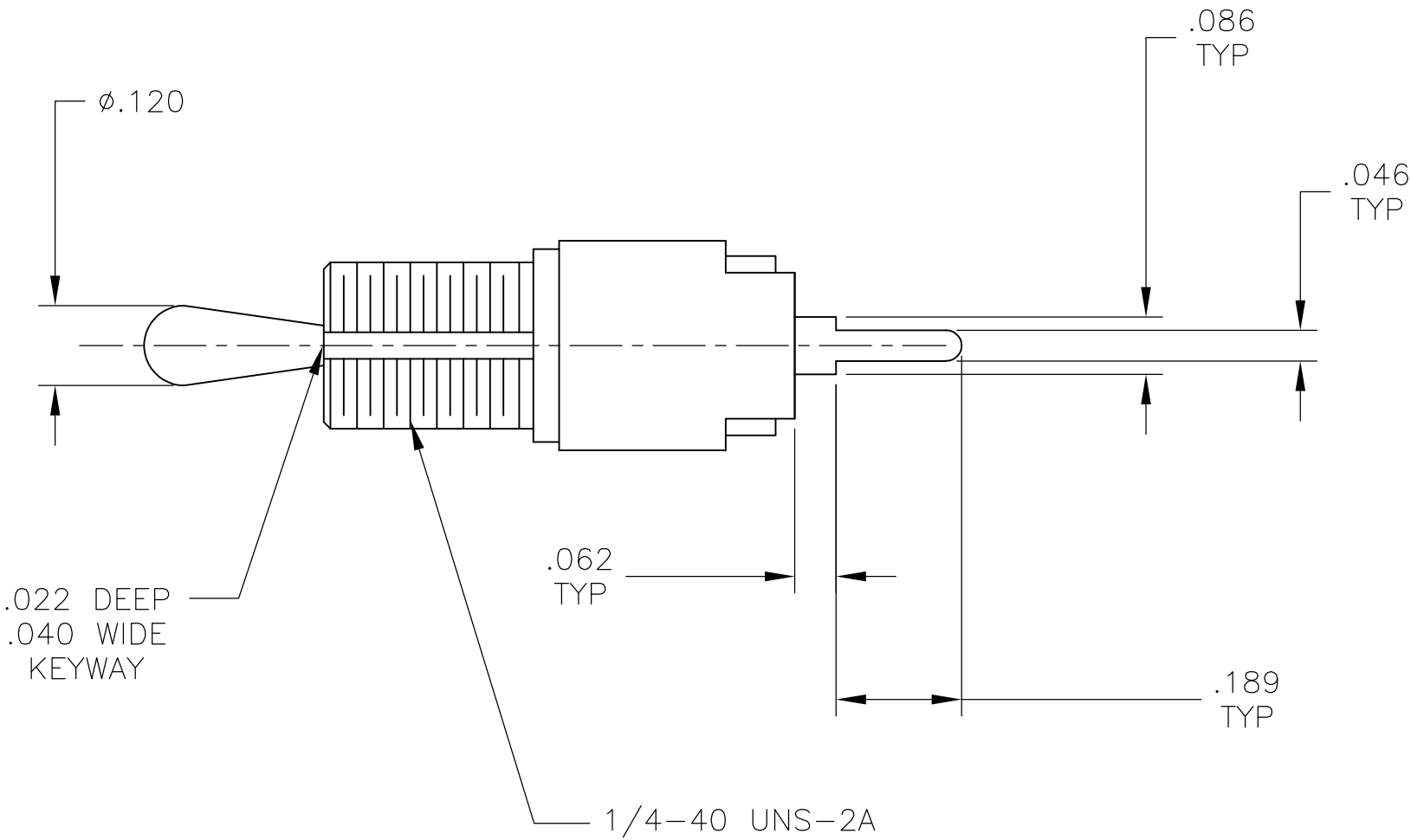


MTM-106

MTM-206



COUNTRY OF ORIGIN
STAMPED HERE
EXISTING
SWITCHES ONLY

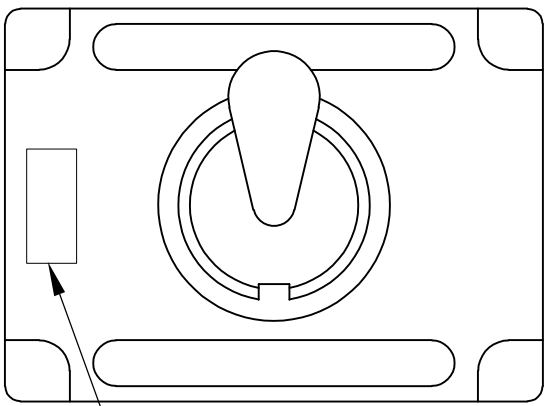


COUNTRY OF ORIGIN
BLACK INK STAMPED OR
STAMPED INTO METAL FRAME HERE
NEWLY TOOLED SWITCHES ONLY

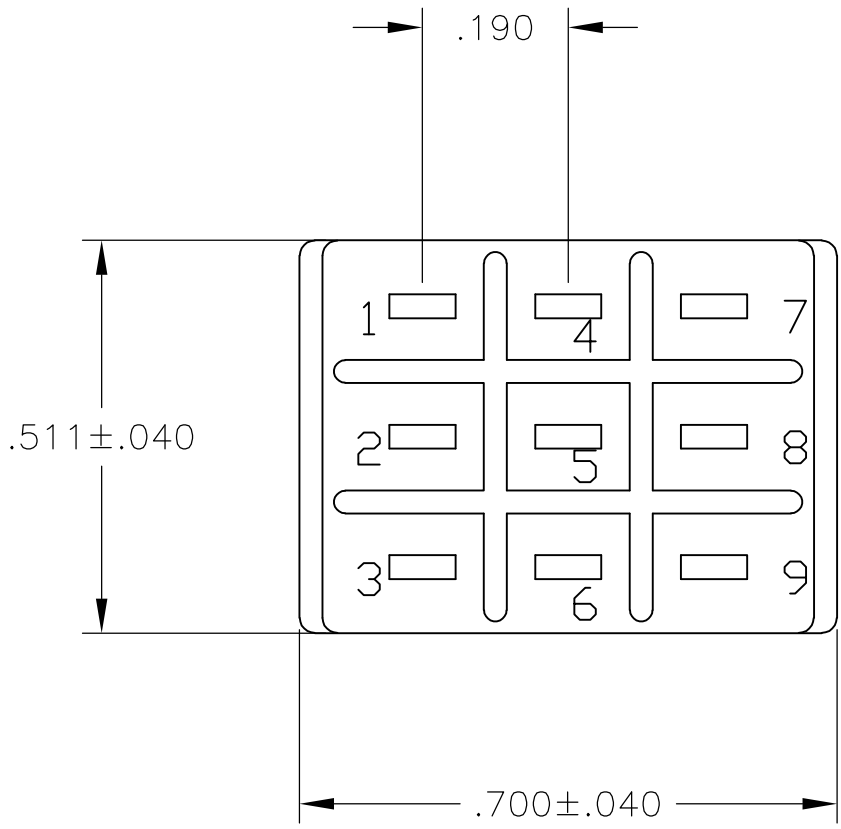
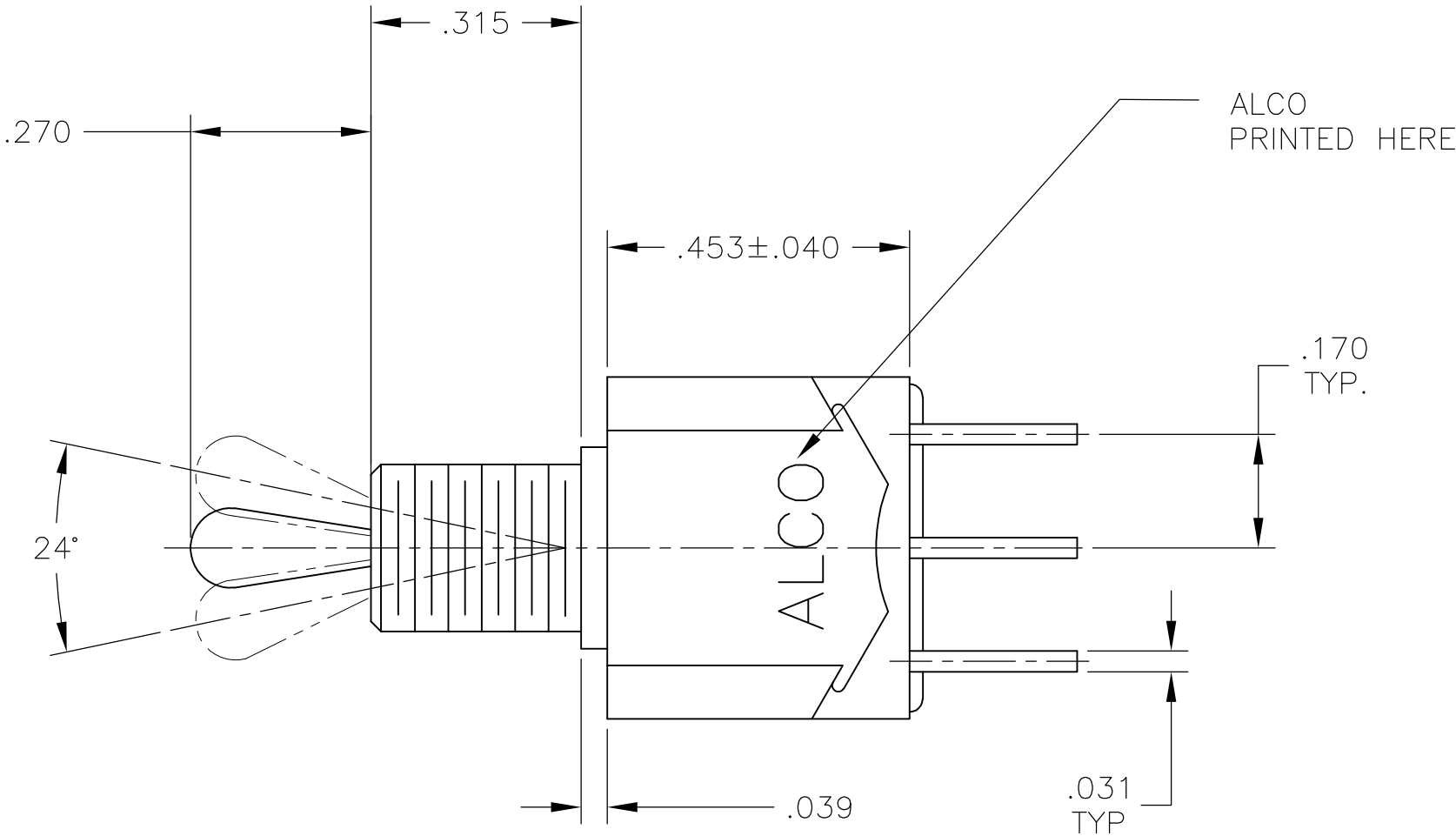
RATING
BLACK INK STAMP OR
STAMPED INTO METAL
FRAME HERE

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, MTM SERIES VERTICAL MOUNT	
		PRODUCT SPEC			
		APPLICATION SPEC			
		WEIGHT			
MATERIAL		CUSTOMER DRAWING			
		SCALE 4:1		SHEET 2 OF 3	
		REV E3			

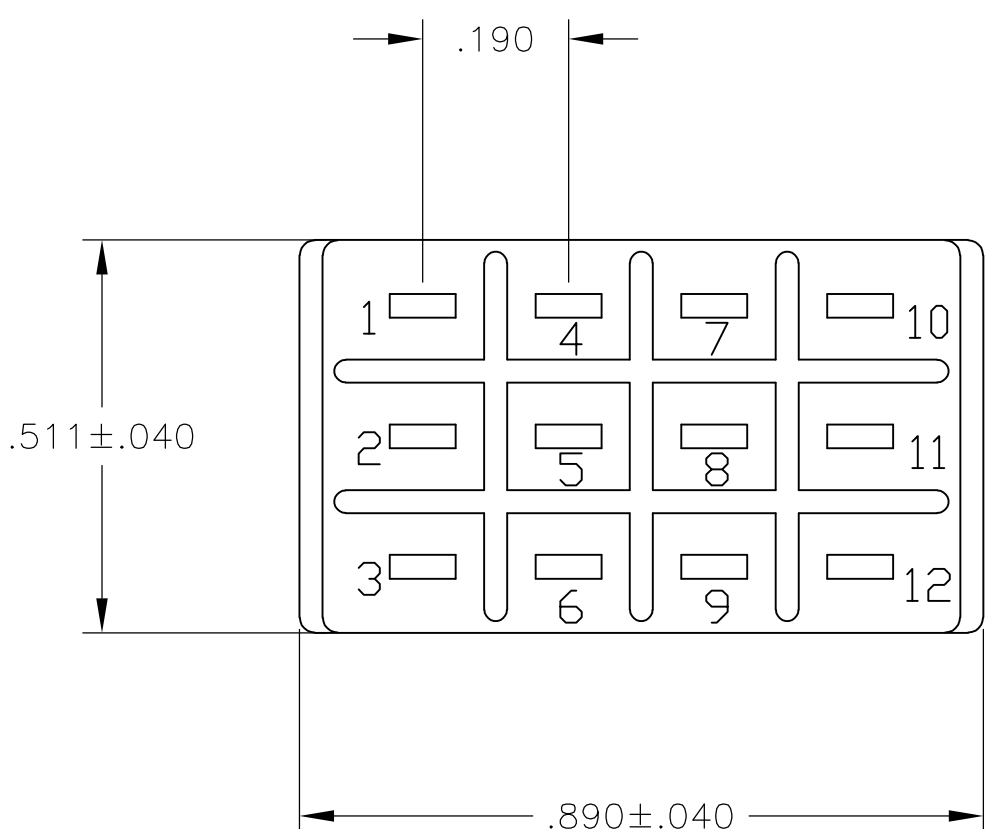
LOC		DIST		REVISONS				
AD	00	FR	LTR	DESCRIPTION		DATE	DWN	APVD
		—	—	SEE SHEET 1		—	—	—



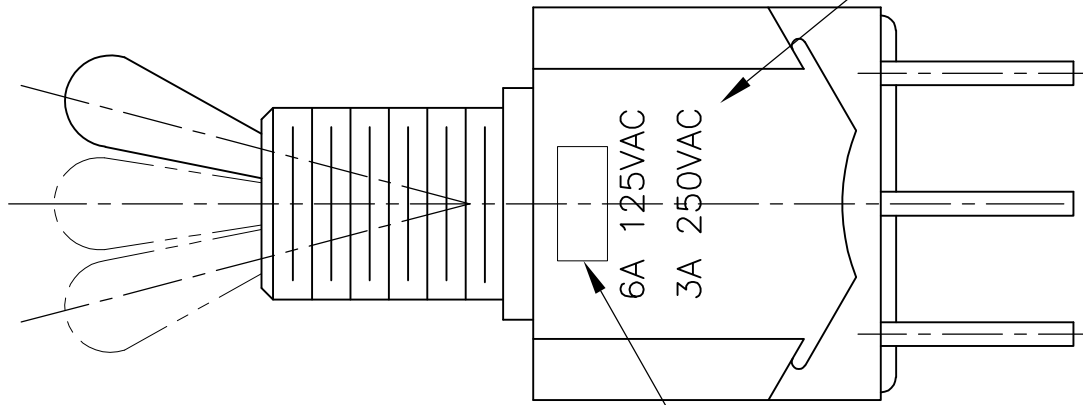
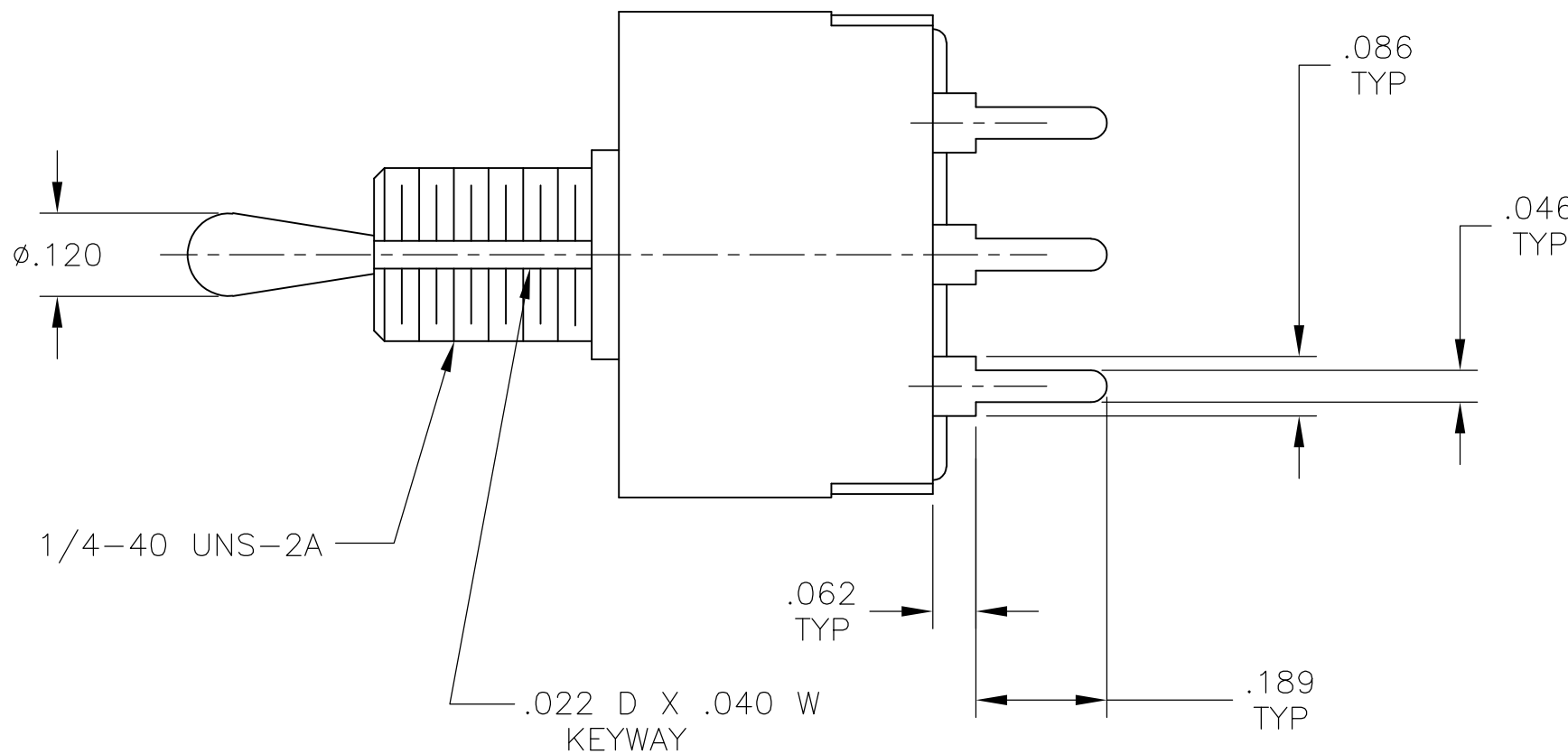
COUNTRY OF ORGIN
STAMPED HERE
EXISTING
SWITCHES ONLY



MTM-306



MTM-406



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																					
			CHK M.ZITTO	29DEC03																						
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		AP'D M.ZITTO	29DEC03	NAME	TOGGLE SWITCH, MTM SERIES VERTICAL MOUNT —																			
		0. PLC ± —		PRODUCT SPEC		SIZE			CAGE CODE			DRAWING NO			RESTRICTED TO											
		1. PLC ± —		APPLICATION SPEC																						
		2. PLC ± —		—		WEIGHT		A1			00779			C4-1437559-9			—									
		3. PLC ± .005		—		—		CUSTOMER DRAWING			SCALE			4:1			SHEET			3 OF 3			REV			E3
4. PLC ± —		—		—																						
ANGLES		± ± —																								
FINISH		—																								
MATERIAL		—																								

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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