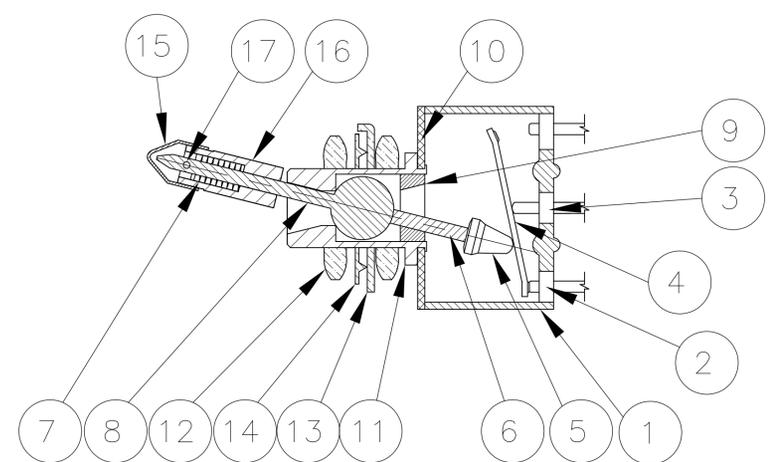
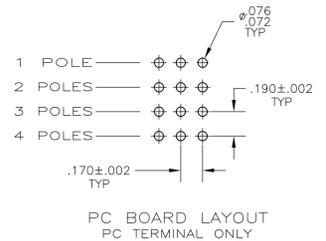
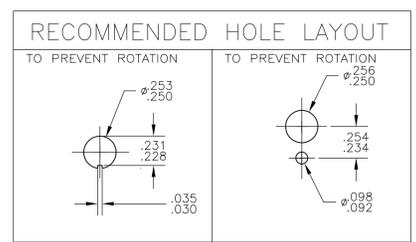


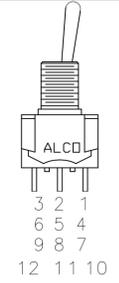
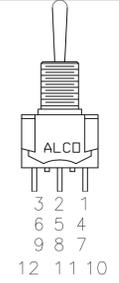
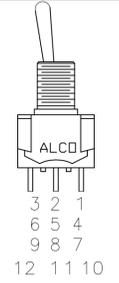
Materials			
No.	Component name	Base material	Finish
1	Housing	High Temp., UL 94V-0, green	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	5 microinches min. gold
5	Actuator	Phenol resin, UL94 HB, black	
6	Plunger	stainless steel	
7	Spring	music wire	
8	Lever	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
15	Upper toggle cap	Aluminum	matte
16	Lower toggle cap	Aluminum	matte
17	Retaining pin	steel	



NOT TO SCALE

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				Comments
4-1437559-5	MTL406PA	2	3	ON ON ON	Wire lug	5-6, 11-12	5-3, 11-9	5-1, 11-7	note 7
4-1437559-4		4	2	ON ON	Wire lug	2-3, 5-6, 8-9, 11-12	---	2-1, 5-4, 8-7, 11-10	
4-1437559-3		3	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9	Off	2-1, 5-4, 8-7	
4-1437559-2		3	2	ON ON	Wire lug	2-3, 5-6, 8-9	---	2-1, 5-4, 8-7	
4-1437559-1		2	2	(ON) OFF (ON)	Wire lug	2-3, 5-6	Off	2-1, 5-4	
4-1437559-0	MTL206PA	1	3	ON ON ON	Wire lug	5-6	5-3	5-1	note 6
3-1437559-9		2	2	ON OFF ON	Wire lug	2-3, 5-6	Off	2-1, 5-4	
3-1437559-8	MTL206NPC	2	2	ON ON	PC	2-3, 5-6	---	2-1, 5-4	
3-1437559-7		2	2	ON ON	Wire lug	2-3, 5-6	---	2-1, 5-4	
3-1437559-6	MTL106EUL	1	2	ON OFF ON	Wire lug	2-3	Off	2-1	
3-1437559-5		1	2	ON OFF ON	Wire lug	2-3	Off	2-1	
3-1437559-4		1	2	ON ON	Wire lug	2-3	---	2-1	

- TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
- EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:  
(2) 1/4-40 UNS-2B HEX NUTS  
(1) INTERNAL TOOTH LOCKWASHER  
(1) LOCATING RING
- WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.
- CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.
- CUSTOMER INSTALLED EXTERNAL JUMPERS BETWEEN TERMINALS 2 AND 4 AS WELL AS 8 AND 10 REQUIRED FOR 2 POLE 3 THROW FUNCTION.
- OBSELETE
- LASER MARKING USED FOR PARTS.

SUPERCEDED BY 6-1437558-9

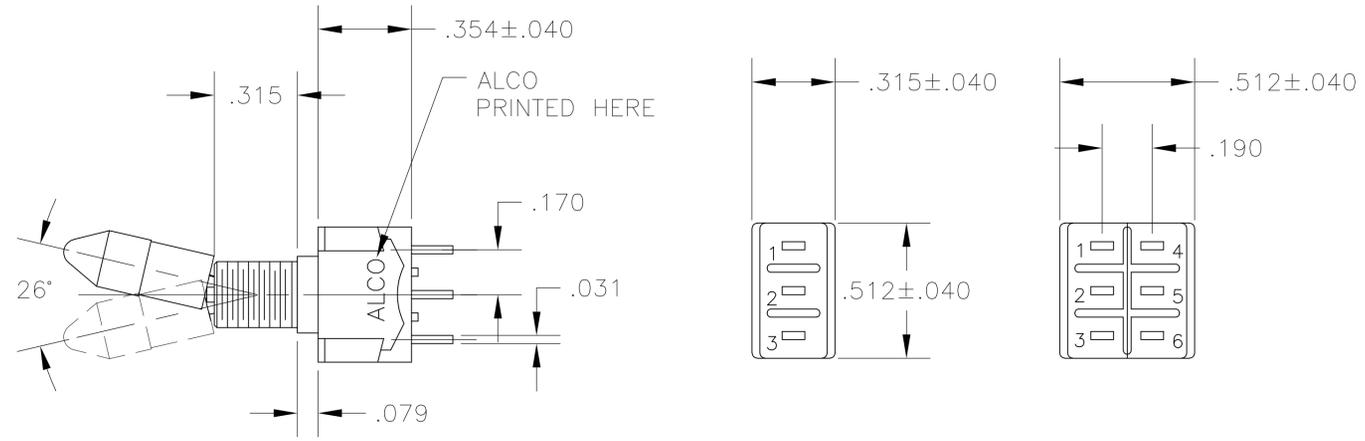
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DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN M. BINNER 29DEC03	APVD M. ZITTO 29DEC03	NAME
0. PLC ± .005	1. PLC ± .005	2. PLC ± .005	3. PLC ± .005	4. PLC ± .005
MATERIAL		WEIGHT		SIZE
				A1
		CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 3 REV D5

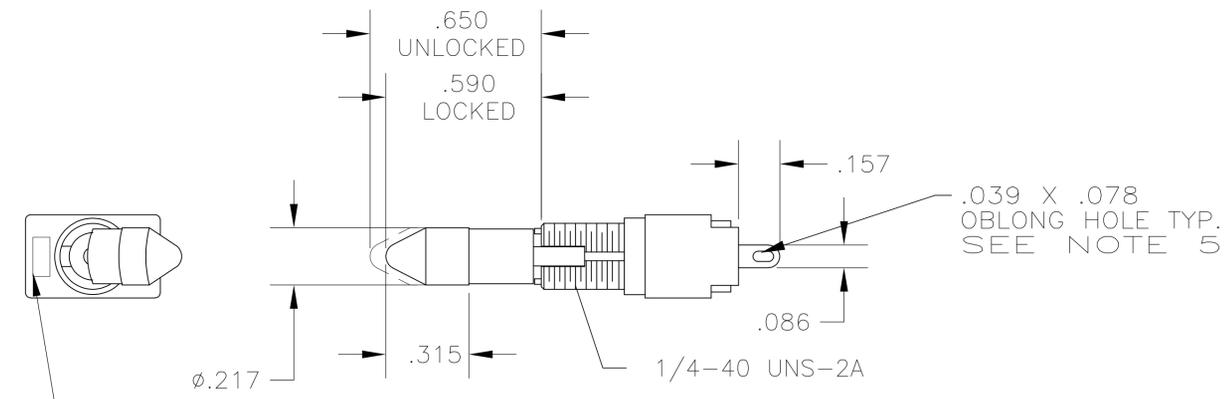
STE TE Connectivity

TOGGLE SWITCH, MTL SERIES VERTICAL MOUNT

00779-3-1437559-7

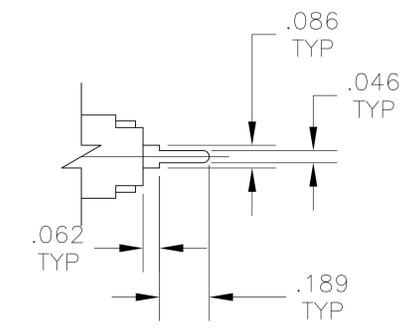
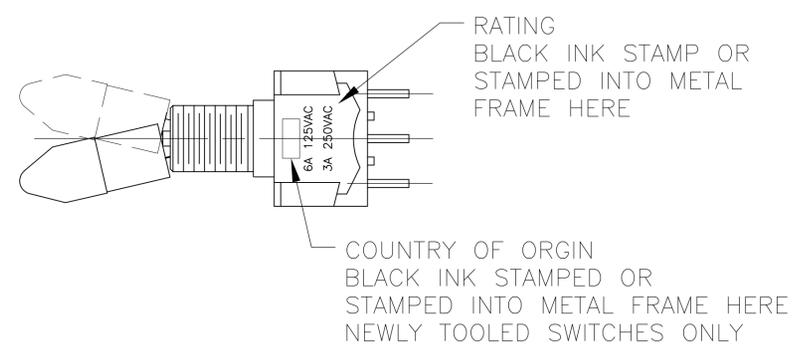


MTL-106      MTL-206



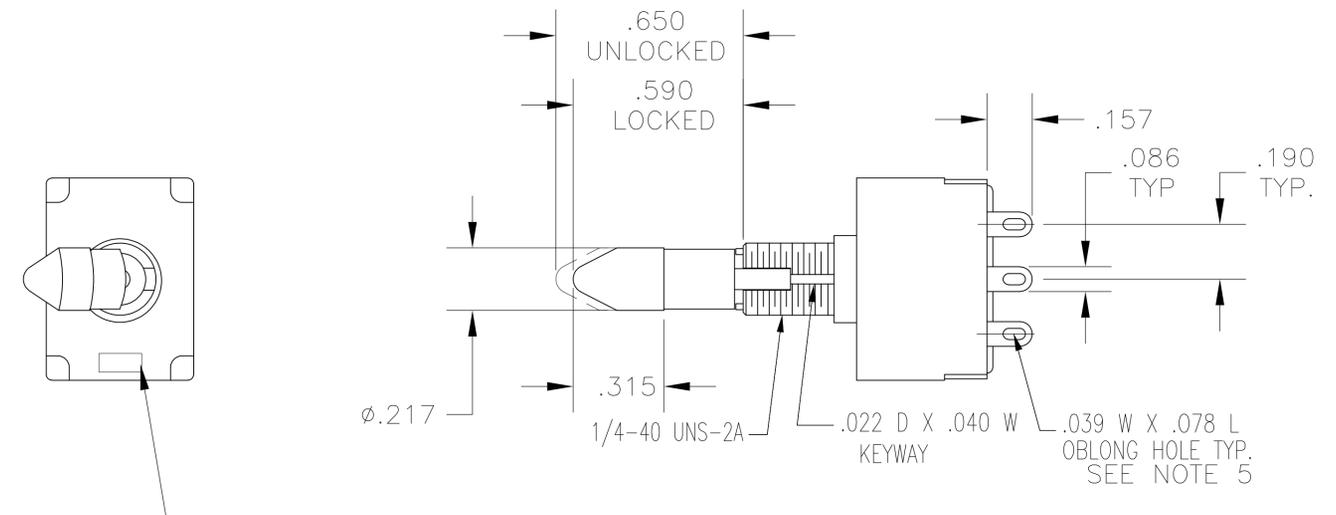
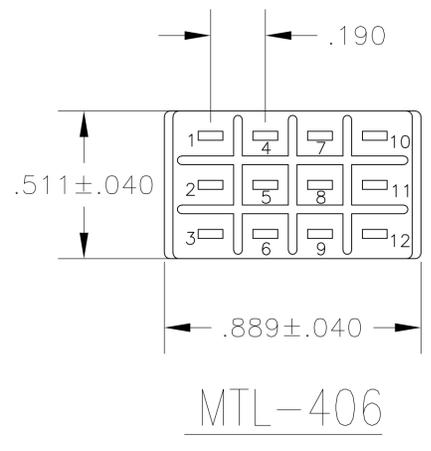
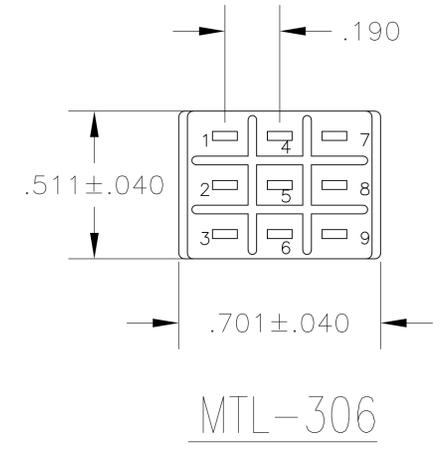
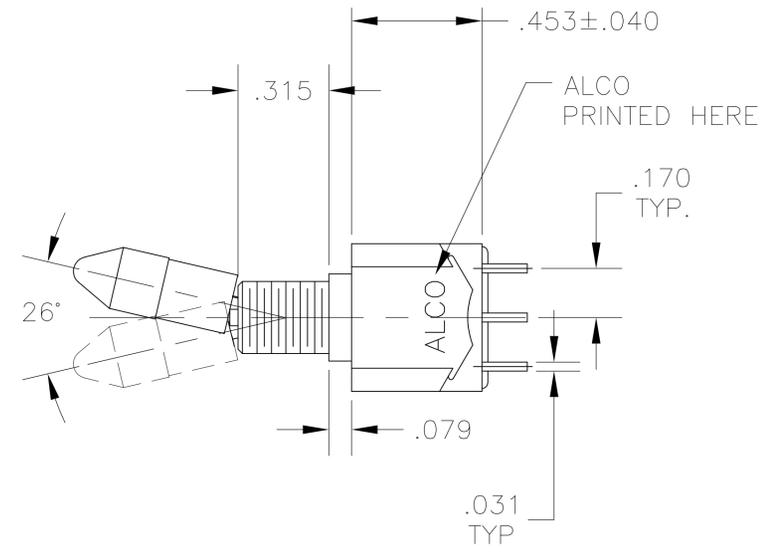
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WIRE LUG TERMINAL



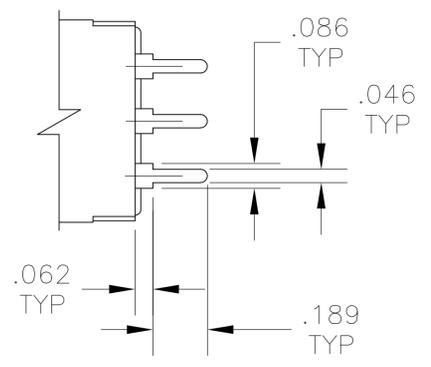
PC TERMINAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN	M. BINNER	29DEC03	 TE Connectivity
		CHK	M. ZITTO	29DEC03	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± .005 4. PLC ± - ANGLES ± -		APVD M. ZITTO 29DEC03 PRODUCT SPEC		TOGGLE SWITCH, MTL SERIES VERTICAL MOUNT	
MATERIAL		FINISH		SIZE	RESTRICTED TO
				A1	
				WEIGHT	
				CAGE CODE	
				DRAWING NO	
				3-1437559-7	
				CUSTOMER DRAWING	
				SCALE	
				1:1	
				SHEET	
				2 OF 3	
				REV	
				D5	

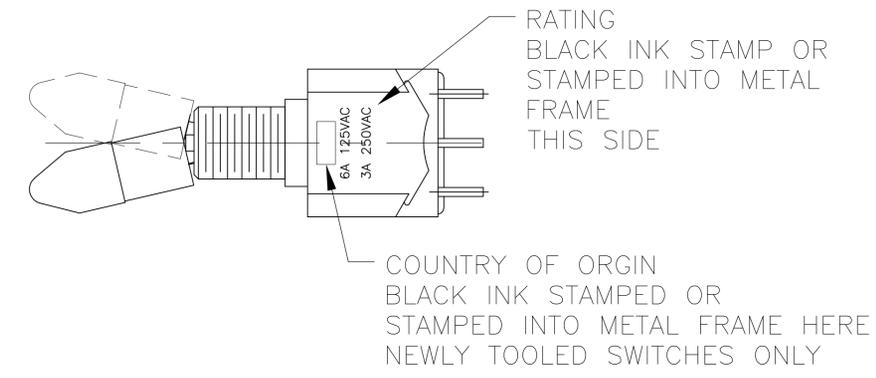


COUNTRY OF ORGIN STAMPED HERE EXISTING SWITCHES ONLY

WIRE LUG TERMINAL



PC TERMINAL



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

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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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