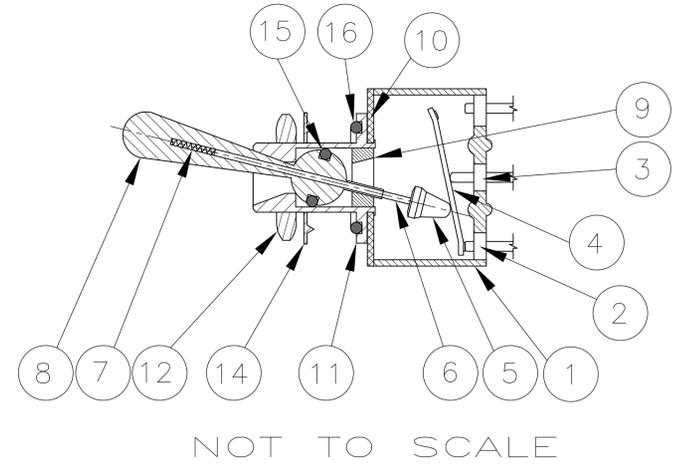
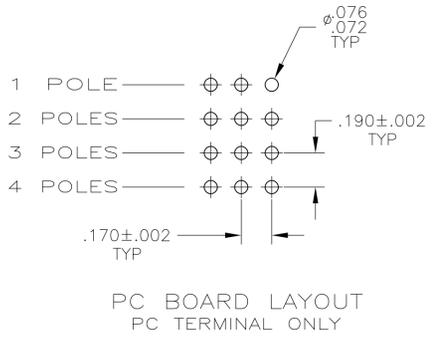
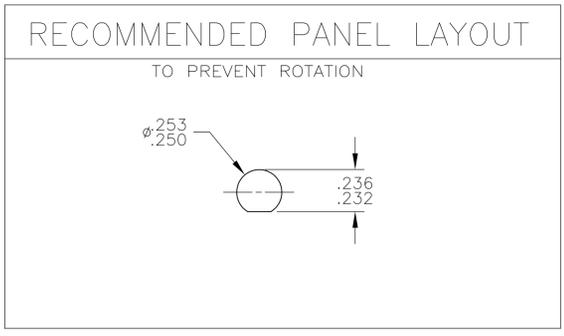
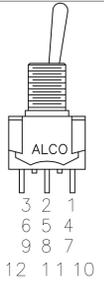
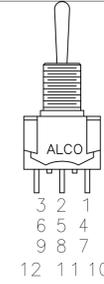
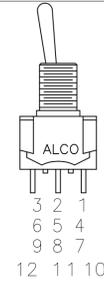


Materials			
No.	Component name	Base material	Finish
1	Housing	High Temp., UL 94V-0, green	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	5 microinches min. gold
5	Actuator	Phenol resin, UL94 HB, black	
6	Plunger	stainless steel	
7	Spring	music wire	
8	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 nut (1)	brass	200 microinches min. bright nickel
14	Internal tooth lockwasher	steel	zinc or Nickel
15	O-Ring, toggle seal		
16	O-Ring, panel seal		



Specifications-see note 3				
<b>Current rating UL &amp; CSA</b>	6A @ 125 VAC (resistive)			
	3A @ 250 VAC (resistive)			
	4A @ 28 VDC (resistive)			
<b>Termination resistance</b>	20 milliohms max @ 2-4 VDC, 1A			
<b>Insulation resistance</b>	1,000 megohms min.			
<b>Withstanding voltage</b>	1,000 VAC			
<b>Travel</b>	24 +/-6 degrees			
<b>Actuation force</b>	.05 to 1.5 kgf			
<b>Operating temperature</b>	-20C to +85C			
<b>Storage temperature</b>	-40C to +85C			
<b>Contact timing</b>	break before make			
<b>Terminal seal</b>	epoxy or Insert molded			
<b>Durability</b>	<b>Parameter</b>	<b>2 Position</b>	<b>3 Position</b>	<b>Momentary</b>
	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



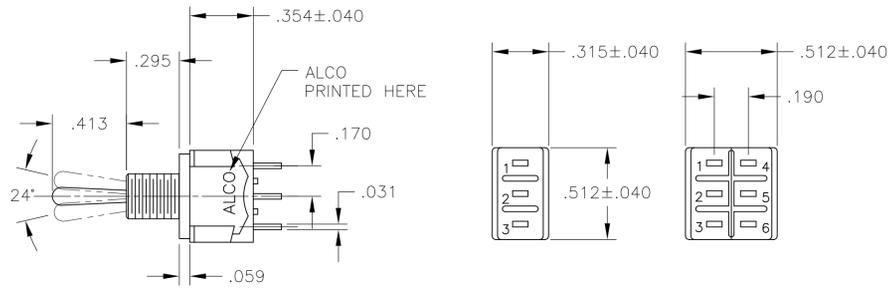
Part Number	Alco Model	Poles	Throws	Function	Terminal				Comments
8-1437558-1	MTE406P	4	2	ON OFF ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	Off	2-1, 5-4, 8-7, 11-10	
8-1437558-0	MTE406N	4	2	ON ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	---	2-1, 5-4, 8-7, 11-10	
7-1437558-9	MTE306E	3	2	ON OFF ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	Off	2-1, 5-4, 8-7	
7-1437558-8	MTE306D	3	2	ON ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	---	2-1, 5-4, 8-7	
7-1437558-7	MTE206T	2	2	ON OFF(ON)	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	OFF	2-1, 5-4	
7-1437558-6	MTE206S	2	2	(ON) OFF (ON)	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	OFF	2-1, 5-4	
7-1437558-5	MTE206R	2	2	ON (ON)	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	---	2-1, 5-4	
7-1437558-4	MTE206PA	1	3	ON ON ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	5-6	5-1	note 6
7-1437558-3	MTE206P	2	2	ON OFF ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	OFF	2-1, 5-4	
7-1437558-2	MTE206N	2	2	ON ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	---	2-1, 5-4	
7-1437558-1	MTE106G	1	2	(ON) OFF (ON)	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	OFF	2-1	
7-1437558-0	MTE106F	1	2	ON (ON)	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	---	2-1	
6-1437558-9	MTE106E	1	2	ON OFF ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	Off	2-1	
6-1437558-8	MTE106D	1	2	ON ON	Wire lug	3 2 1 6 5 4 9 8 7 12 11 10	---	2-1	

- NOTES:
- TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
  - EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
    - (1) 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.
  - OBSOLETE
  - LASER MARKING USED FOR PARTS.

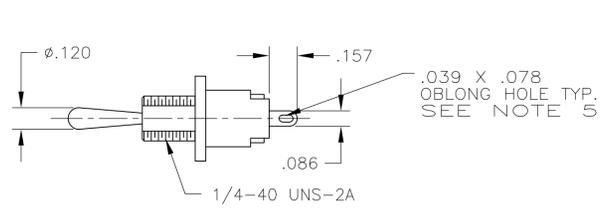
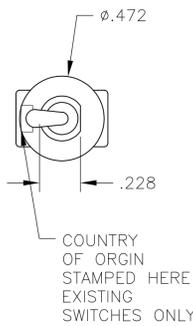
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2 PLC ± -	3 PLC ± .005	M. ZITTO	OBAPR04	NAME
4 PLC ± -	ANGLES ± -	M. ZITTO	OBAPR04	TOGGLE SWITCH, MTE SERIES VERTICAL MOUNT
MATERIAL	FINISH	APPLICATION SPEC	SIZE	CAGE CODE
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		CUSTOMER DRAWING	SCALE	2:1
			SHEET	1 OF 3
			REV	C5

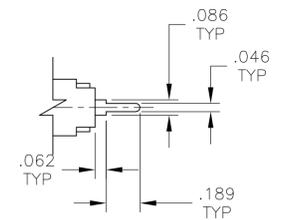
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P	LTR	DESCRIPTION	DATE	OWN
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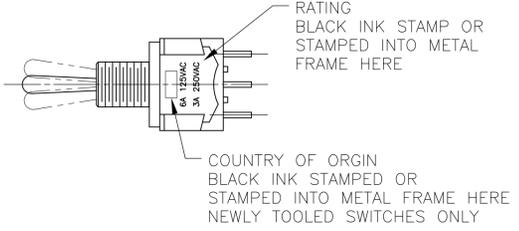
MTE-106 MTE-206



WIRE LUG TERMINAL

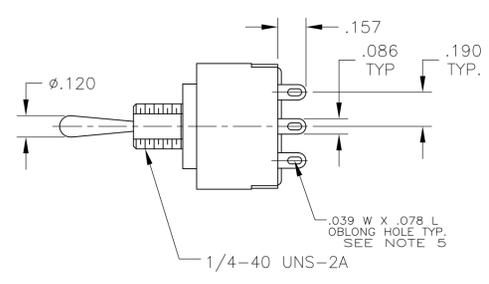
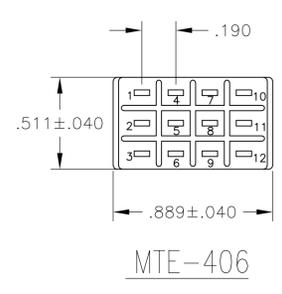
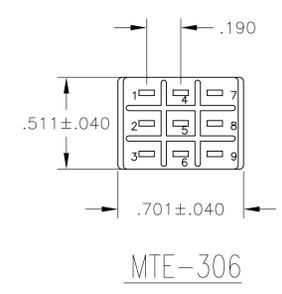
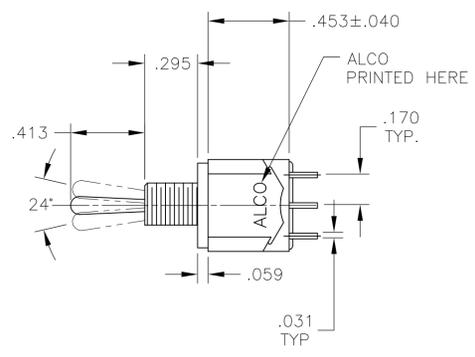
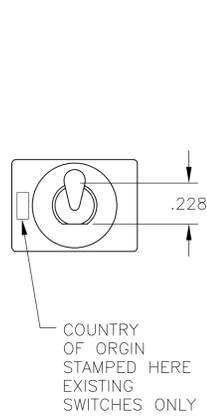


PC TERMINAL

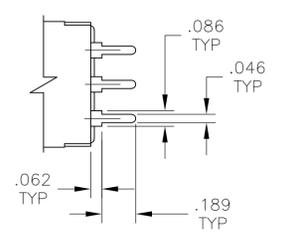


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MATERIAL		APPLICATION SPEC		SIZE: A1
FINISH		WEIGHT		CAGE CODE: 6-1437558-8
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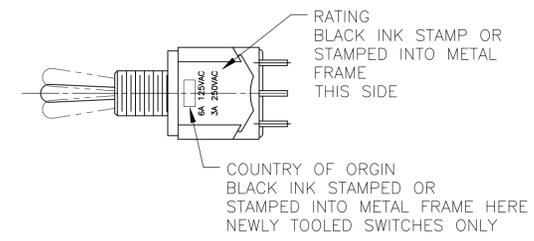
REVISIONS					
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WIRE LUG TERMINAL



PC TERMINAL



THIS DRAWING IS A CONTROLLED DOCUMENT.		DW: M. BINNER	OBAPR04	 TE Connectivity
DIMENSIONS: INCHES		CHK: M. ZITTO	OBAPR04	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME: TOGGLE SWITCH, MTE SERIES VERTICAL MOUNT		
0. PLC ± -	1. PLC ± -	APPROD: M. ZITTO		
2. PLC ± -	3. PLC ± .005	PRODUCT SPEC		
4. PLC ± -	ANGLES ± -	APPLICATION SPEC		
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CUSTOMER DRAWING		SIZE: A1	CAGE CODE: 6-1437558-8	
SCALE: 2:1		SHEET: 3 OF 3	REV: C5	

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