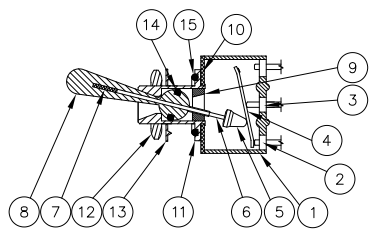
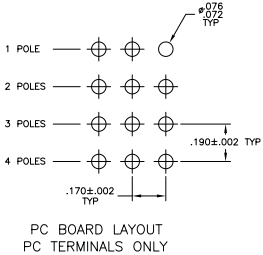
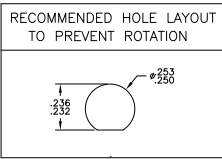


Materials		
No.	Component name	Finish
1	Housing	ALKYD, GREEN, UL94 V-0
2	End terminal	silver clad copper alloy
3	Center terminal	copper alloy
4	Rocker contact	silver clad copper alloy
5	Actuator	Phenol resin, UL94 HB, black
6	Plunger	stainless steel
7	Spring	music wire
8	Toggle	brass
9	Retainer	brass
10	Frame	polyamide, UL94 HB, black
11	Bushing	STAINLESS STEEL
12	Mounting nut	Zinc
13	Internal tooth lockwasher	brass
14	O-Ring, toggle seal	steel
15	O-ring, panel seal	100 microinches min. bright nickel, electrodeposited



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 +/- 2 degrees		
Actuation force	95 to 115 lbf		
Operating temperature	-20C to +85C		
Storage temperature	-40C to +85C		
Contact timing	break before make		
Terminal seal	epoxy		
Durability	Parameter	2 Position	3 Position
	mechanical (no load)	150,000	100,000
	250 VAC (3A resistive)	80,000	60,000
	125 VAC (4A resistive)	80,000	60,000
	28 VDC (4A resistive)	60,000	50,000



PART NUMBER	Alco P/N	Poles	Throws	Function	Terminal	Diagram 1	Diagram 2	Diagram 3	Comments
1-1571924-9	MTE406P04	4	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9, 11-12	Off	2-1, 5-4, 8-7, 11-10	
1-1571924-8	MTE406N04	4	2	ON ON	Wire lug	2-3, 5-6, 8-9, 11-12	---	2-1, 5-4, 8-7, 11-10	
1-1571924-7	MTE306E04	3	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9	Off	2-1, 5-4, 8-7	
1-1571924-6	MTE306D04	3	2	ON ON	Wire lug	2-3, 5-6, 8-9	---	2-1, 5-4, 8-7	
1-1571924-5	MTE206T04	2	2	ON OFF (ON)	Wire lug	2-3, 5-6	OFF	2-1, 5-4	
1-1571924-4	MTE206S04	2	2	(ON) OFF (ON)	Wire lug	2-3, 5-6	OFF	2-1, 5-4	
1-1571924-3	MTE206R04	2	2	ON (ON)	Wire lug	2-3, 5-6	---	2-1, 5-4	
1-1571924-2	MTE206PA04	1	3	ON ON ON	Wire lug	5-6	5-3	5-1	note 6
1-1571924-1	MTE206P04	2	2	ON OFF ON	Wire lug	2-3, 5-6	OFF	2-1, 5-4	
1-1571924-0	MTE206N04	2	2	ON ON	Wire lug	2-3, 5-6	---	2-1, 5-4	
OBSOLETE	1571924-9	MTE206K04	2	1	ON OFF	PC	2-3, 5-6	---	OFF
OBSOLETE	1571924-8	MTE206K04	2	1	ON OFF	Wire lug	2-3, 5-6	---	OFF
	1571924-7	MTE106H04	1	2	ON OFF (ON)	Wire lug	2-3	---	2-1
	1571924-6	MTE106G04	1	2	(ON) OFF (ON)	Wire lug	2-3	---	2-1
	1571924-5	MTE106F04	1	2	ON (ON)	Wire lug	2-3	---	2-1
	1571924-4	MTE106E04	1	2	ON OFF ON	Wire lug	2-3	Off	2-1
	1571924-3	MTE106D04	1	2	ON ON	Wire lug	2-3	---	2-1
OBSOLETE	1571924-2	MTE106AP04	1	1	ON OFF	PC	2-3	---	OFF
OBSOLETE	1571924-1	MTE106A04	1	1	ON OFF	Wire lug	2-3	---	OFF

- 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 NUT
 (1) INTERNAL TOOTH LOCKWASHER
 (1) O-RING
 - SWITCHES TESTED TO AND MEET THE REQUIREMENTS OF UL 61058-1A. SWITCHES FOR APPLIANCE SWITCHES WILL ALSO BE TESTED TO AND MEET THE REQUIREMENTS OF TE 102-2469, REV 0, MINATURE SWITCH QUALIFICATION REQUIREMENTS.
 - SWITCHES ARE PENDING UL RECOGNITION TO US AND CANADIAN STANDARDS.
 - 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.
 - SWITCHES ARE MARKED PER TE SPEC 202-37 WITH ALCO BENEATH LOGO AS SHOWN.
 - ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27/JAN/2003 (ROHS).

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DESIGNING: []
 CHECKED: []
 APPROVED: []

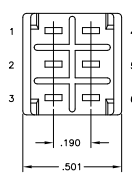
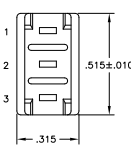
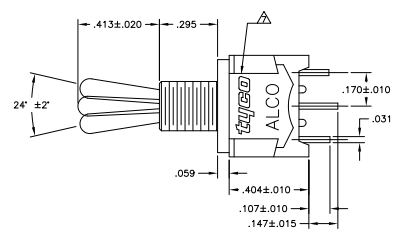
DATE: 11/15/10
 REV: 1

ALCOSWITCH GREEN SERIES TOGGLE SWITCH
 MTE VERTICAL MOUNT

TITLE: 007791G-1571924
 PART: 4.1
 SHEET: 1 OF 3
 REV: A1

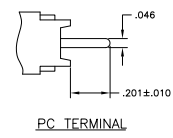
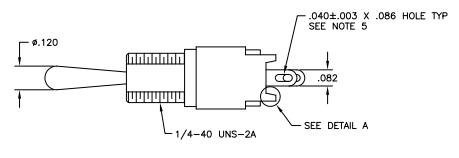
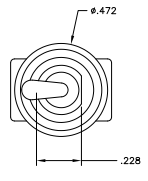
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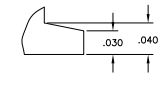


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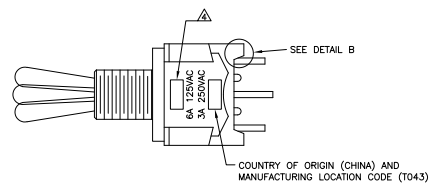
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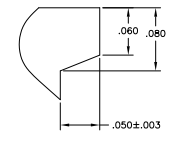
PC TERMINAL



DETAIL A
SCALE 16:1



WIRE LUG TERMINAL

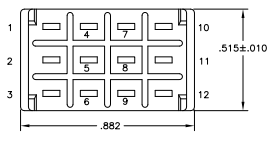
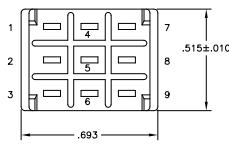
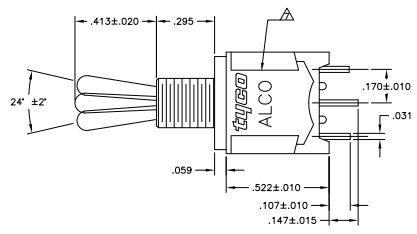


DETAIL B
SCALE 16:1

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MTE		MTE		MTE		SEE		DATE		DRAWING NO.	
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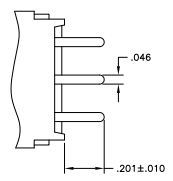
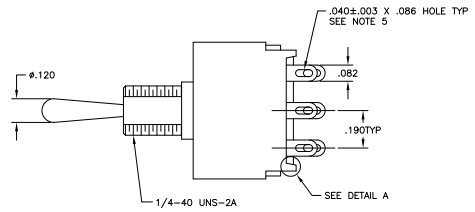
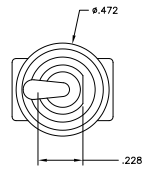
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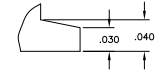


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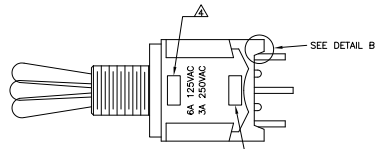
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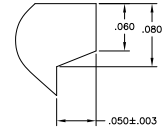
PC TERMINAL



DETAIL A
SCALE 16:1



WIRE LUG TERMINAL



DETAIL B
SCALE 16:1

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