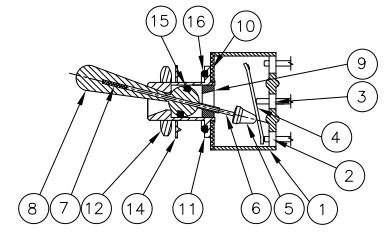


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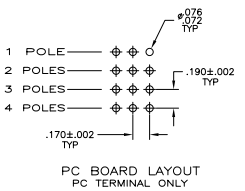
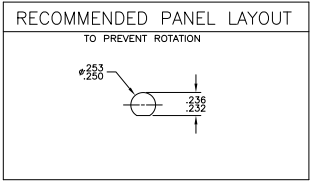
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Materials			
No.	Component name	Base material	Finish
1	Housing	High Temp., UL 94V-0, green	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	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		



NOT TO SCALE

Specifications-see note 3			
Current rating UL & CSA	6A @ 125 VAC (resistive)		
	3A @ 250 VAC (resistive)		
	4A @ 28 VDC (resistive)		
	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
	mechanical (no load)	150,000	100,000
	250 VAC (3A resistive)	80,000	60,000
	125 VAC (6A resistive)	80,000	60,000
28 VDC (4A resistive)	60,000	50,000	40,000



- NOTES:
- 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
5. WIRE LUG CONTACTS WILL ACCEPT 2 #20 AWG SOLID OR STRANDED WIRES.  
 6. CUSTOMER INSTALLED EXTERNAL JUMPER BETWEEN TERMINALS 2 AND 4 REQUIRED FOR 1 POLE 3 THROW FUNCTION.
- OBSOLETE

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

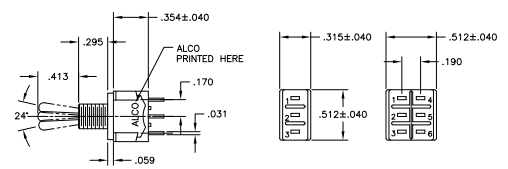
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TE Connectivity  
 TOGGLE SWITCH, MTE SERIES  
 VERTICAL MOUNT

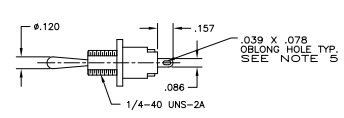
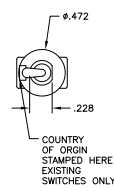
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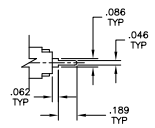
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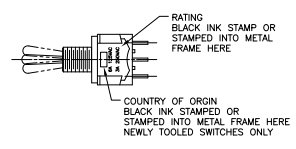
MTE-106 MTE-206



WIRE LUG TERMINAL



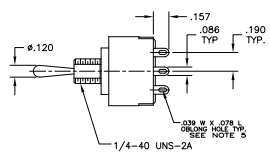
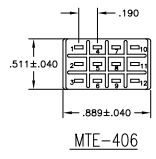
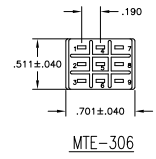
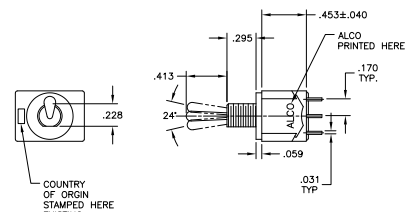
PC TERMINAL



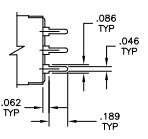
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DESIGNER	ENGINEER	DRW'G	CHECK	APP'VD	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
TOGGLE SWITCH, MTE SERIES		TE Connectivity		TOGGLE SWITCH, MTE SERIES		VERTICAL MOUNT		SIZE: [Size]		DRAWING NO: [Drawing No]		REWORKED TO: [Reworked To]	
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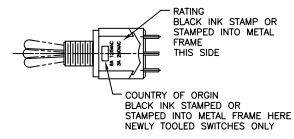
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WIRE LUG TERMINAL



PC TERMINAL



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