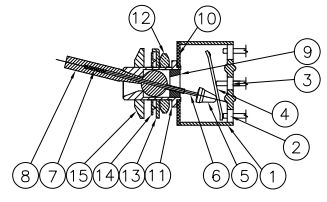
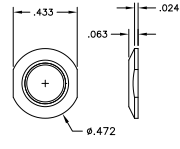


Materials			
No.	Component name	Base material	Finish
1	Housing	High Temp., UL 94V-0, green	
2	End terminal	silver clad copper alloy	5 microinches min. gold
3	Center terminal	copper alloy	5 microinches min. gold
4	Rocker contact	silver clad copper alloy	5 microinches min. gold
5	Actuator	Phenol resin, UL94 HB, black	
6	Plunger	stainless steel	
7	Spring	music wire	
8	Toggle	brass	nickel, see chart
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 (1)	brass	200 microinches min. bright nickel
13	Locating ring	cold rolled steel	zinc or nickel
14	Internal tooth lockwasher	steel	zinc or nickel
15	Dress Nut	Brass	200 microinches min bright nickel



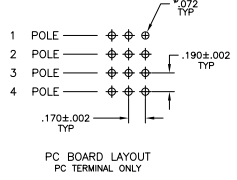
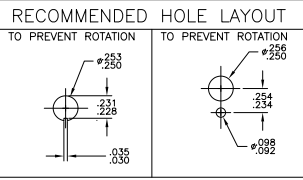
DRESS NUT

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
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	

Part Number	Alco Model	Poles	Throws	Function	Terminal	Toggle	Finish	ALCO	ALCO	ALCO	Comments
1437559-9	MTF426N	4	2	ON ON	Wire lug	bright nickel	2-3, 5-6, 8-9, 11-12	---	---	2-1, 5-4, 8-7, 11-10	
1437559-8	MTF406N	4	2	ON ON	Wire lug	matte nickel	2-3, 5-6, 8-9, 11-12	---	---	2-1, 5-4, 8-7, 11-10	
1437559-7	MTF326D	3	2	ON ON	Wire lug	bright nickel	2-3, 5-6, 8-9	---	---	2-1, 5-4, 8-7	
1437559-6	MTF306D	3	2	ON ON	Wire lug	matte nickel	2-3, 5-6, 8-9	---	---	2-1, 5-4, 8-7	
1437559-5	MTF226SA	1	3	(ON) ON (ON)	Wire lug	bright nickel	5-6	5-3	---	5-1	note 6
1437559-4	MTF226S	2	2	(ON) OFF (ON)	Wire lug	bright nickel	2-3, 5-6	Off	---	2-1, 5-4	
1437559-3	MTF226R	2	2	ON (ON)	Wire lug	bright nickel	2-3, 5-6	---	---	2-1, 5-4	
1437559-2	MTF226PA	1	3	ON ON ON	Wire lug	bright nickel	5-6	5-3	---	5-1	note 6
1437559-1	MTF226P	2	2	ON OFF ON	Wire lug	bright nickel	2-3, 5-6	Off	---	2-1, 5-4	
9-1437558-9	MTF226N	2	2	ON ON	Wire lug	bright nickel	2-3, 5-6	---	---	2-1, 5-4	
9-1437558-8	MTF206T	2	2	ON OFF (ON)	Wire lug	matte nickel	2-3, 5-6	Off	---	2-1, 5-4	
9-1437558-7	MTF206SA	1	3	(ON) ON (ON)	Wire lug	matte nickel	5-6	5-3	---	5-1	note 6
9-1437558-6	MTF206S	2	2	(ON) OFF (ON)	Wire lug	matte nickel	2-3, 5-6	Off	---	2-1, 5-4	
9-1437558-5	MTF206R	2	2	ON (ON)	Wire lug	matte nickel	2-3, 5-6	---	---	2-1, 5-4	
9-1437558-4	MTF206PA	1	3	ON ON ON	Wire lug	matte nickel	5-6	5-3	---	5-1	note 6
9-1437558-3	MTF206P	2	2	ON OFF ON	Wire lug	matte nickel	2-3, 5-6	Off	---	2-1, 5-4	
9-1437558-2	MTF206N	2	2	ON ON	Wire lug	matte nickel	2-3, 5-6	---	---	2-1, 5-4	
9-1437558-1	MTF126G	1	2	(ON) OFF (ON)	Wire lug	bright nickel	2-3	Off	---	2-1	
9-1437558-0	MTF126F	1	2	ON (ON)	Wire lug	bright nickel	2-3	---	---	2-1	
8-1437558-9	MTF126E	1	2	ON OFF ON	Wire lug	bright nickel	2-3	Off	---	2-1	
8-1437558-8	MTF126D	1	2	ON ON	Wire lug	bright nickel	2-3	---	---	2-1	
8-1437558-7	MTF106H	1	2	ON OFF (ON)	Wire lug	matte nickel	2-3	Off	---	2-1	
8-1437558-6	MTF106G	1	2	(ON) OFF (ON)	Wire lug	matte nickel	2-3	Off	---	2-1	
8-1437558-5	MTF106F	1	2	ON (ON)	Wire lug	matte nickel	2-3	---	---	2-1	
8-1437558-4	MTF106E	1	2	ON OFF ON	Wire lug	matte nickel	2-3	Off	---	2-1	
8-1437558-3	MTF106D	1	2	ON ON	Wire lug	matte nickel	2-3	---	---	2-1	



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

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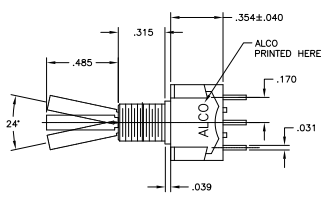
TE Connectivity
 TOGGLE SWITCH, MTF SERIES
 VERTICAL MOUNT

SIZE: A1 | DATE: 000000 | DRAWING NO: 8-1437558-3 | REVISED TO: ---

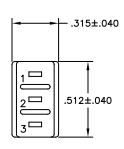
CUSTOMER DRAWING | SIZE: 2:1 | SHEET: 1 OF 3 | D2

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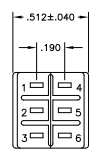
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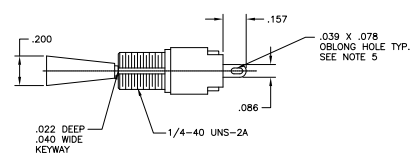
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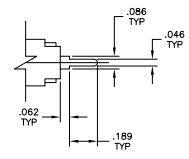
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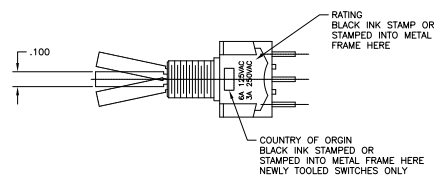
COUNTRY OF ORIGIN STAMPED HERE EXISTING SWITCHES ONLY



WIRE LUG TERMINAL



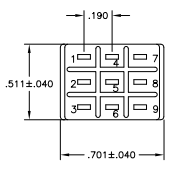
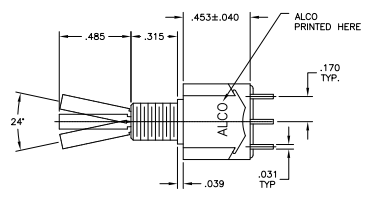
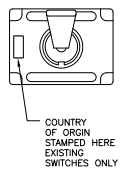
PC TERMINAL



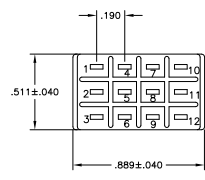
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DATE: 00779	REV: 3	DATE: 00779	REV: 3	DATE: 00779
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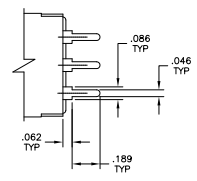
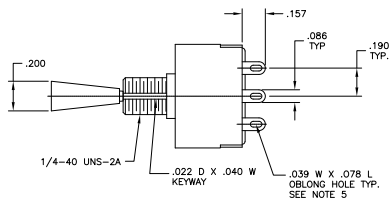
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MTF-306

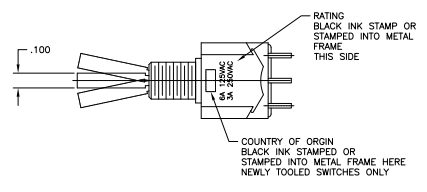


MTF-406



PC TERMINAL

WIRE LUG TERMINAL



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