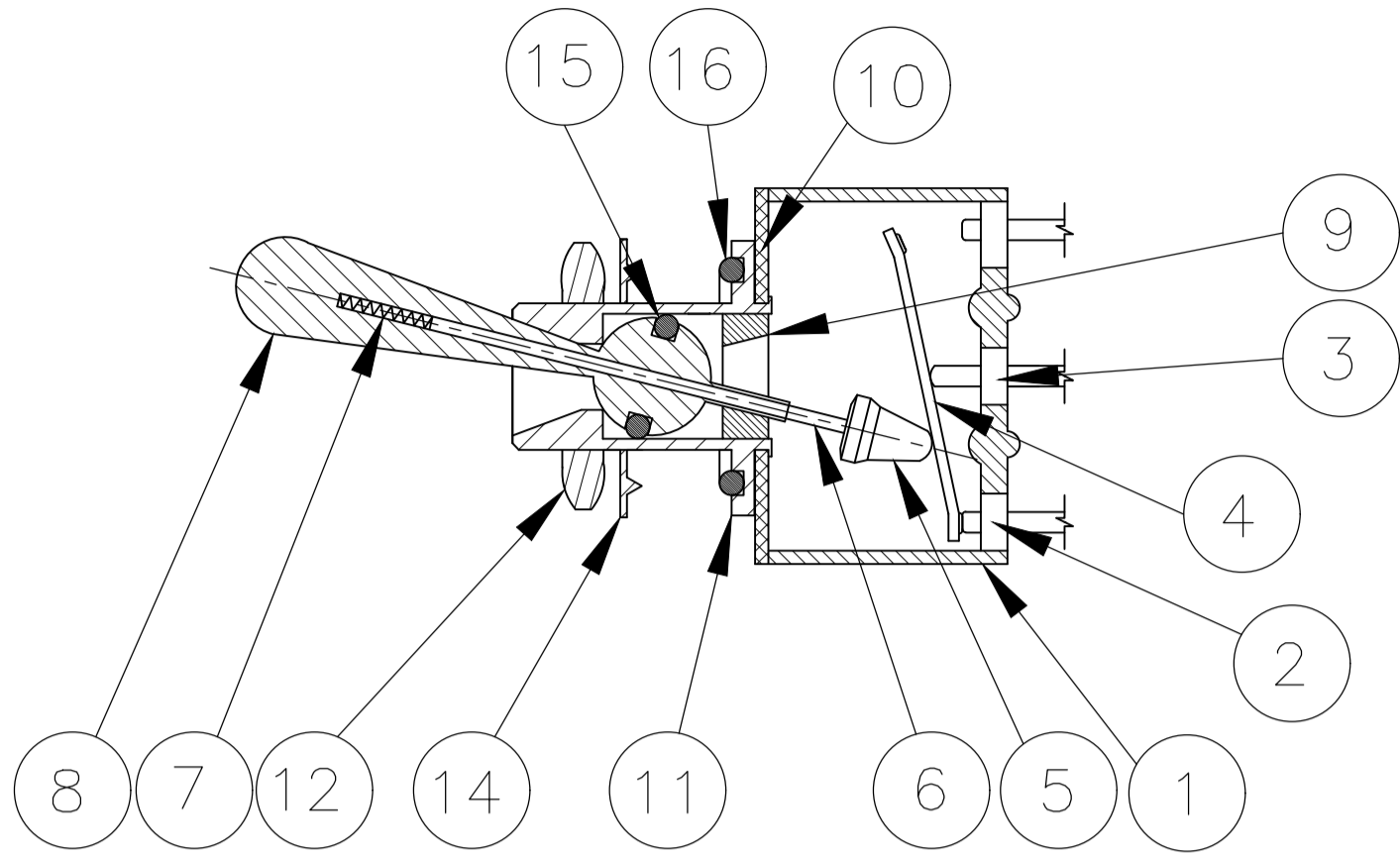


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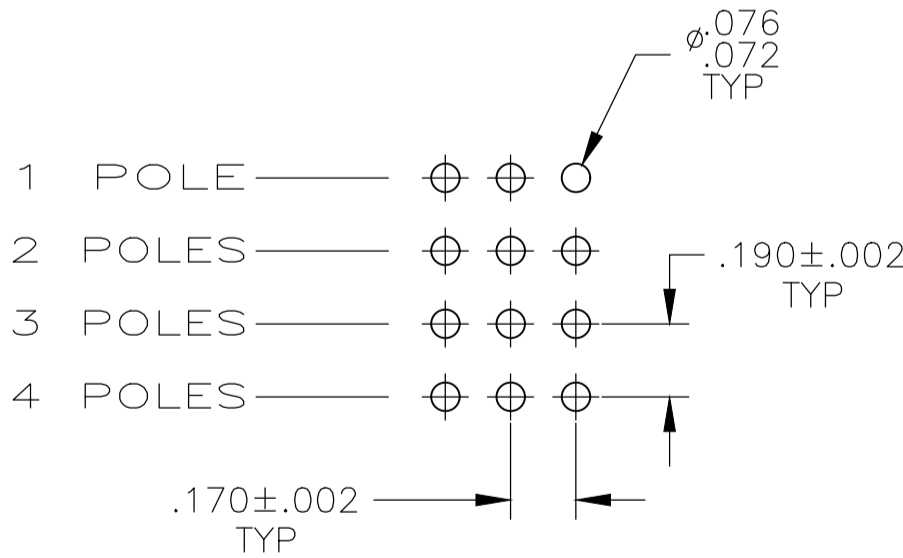
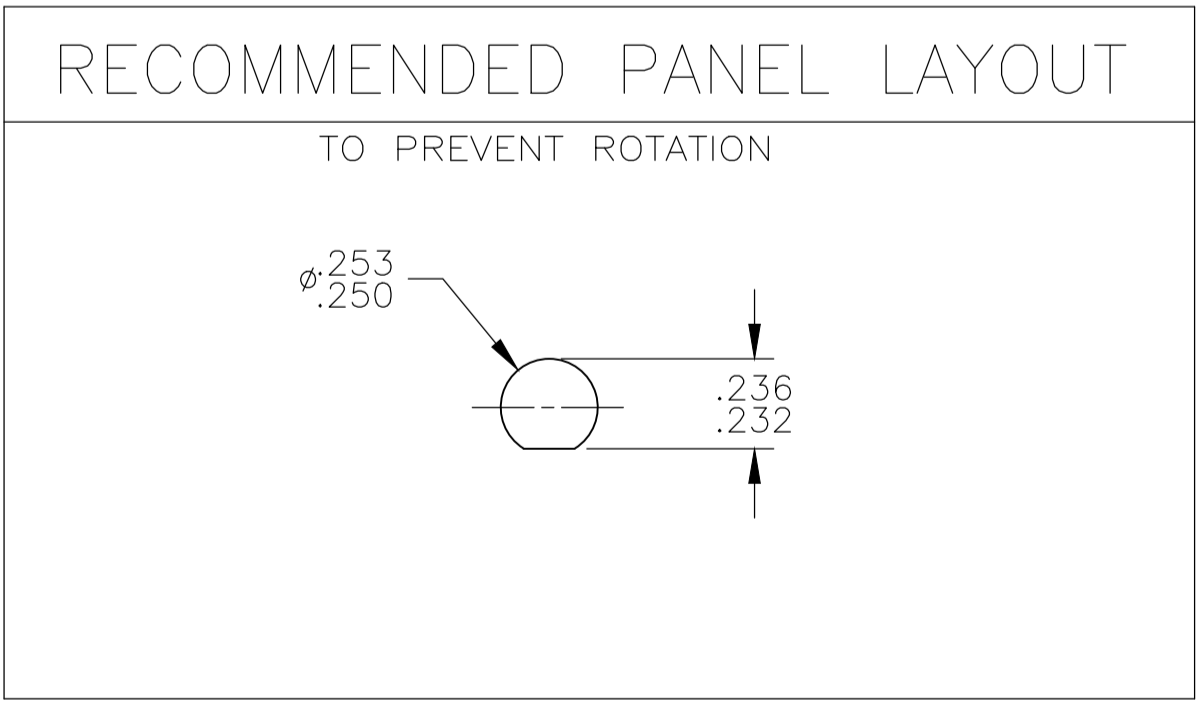
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C6	ECR-18-009229	25SEP2018	DHC	PO

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		



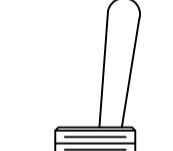
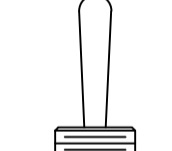
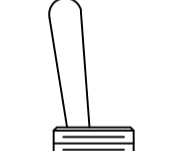
NOT TO SCALE


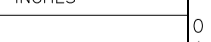
Specifications-see note 3				
Current rating UL & CSA	6A @ 125 VAC (resistive)			
	3A @ 250 VAC (resistive)			
	4A @ 28 VDC (resistive)			
Termination resistance	20 milliohms max @ 2-4 VDC, 1A			
Insulation resistance	1,000 megohms min.			
Withstanding voltage	1,000 VAC			
Travel	24 +/-6 degrees			
Actuation 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



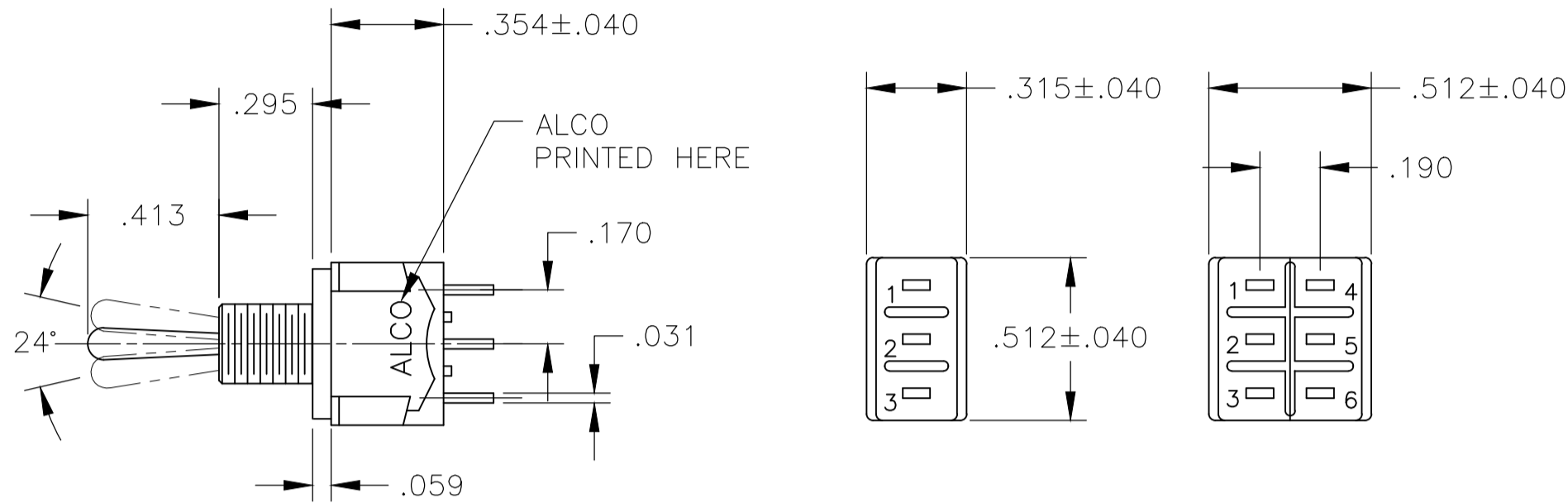
- NOTES:
1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE SWITCHES.
  2. EACH SWITCH SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
    - (1) 1/4-40 UNS-2B HEX NUTS
    - (1) INTERNAL TOOTH LOCKWASHER
    - (1) LOCATING RING

7. 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.
7. OBSOLETE
8. LASER MARKING USED FOR PARTS.

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

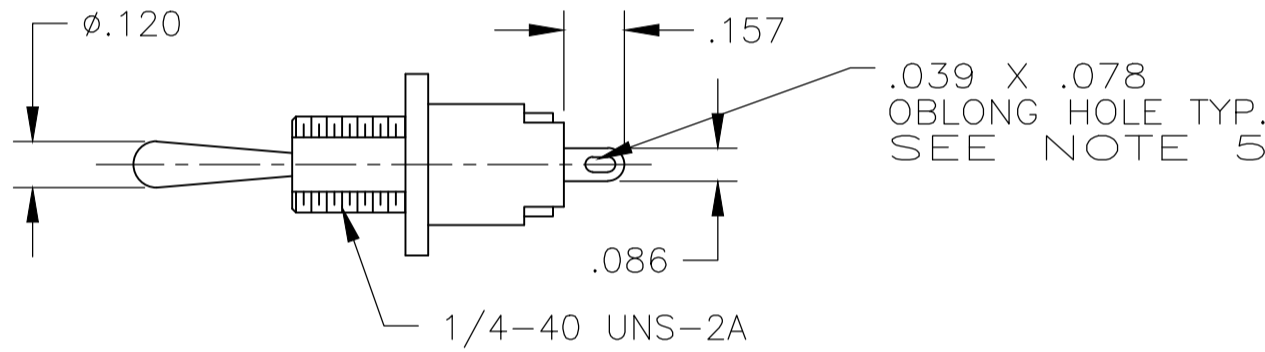
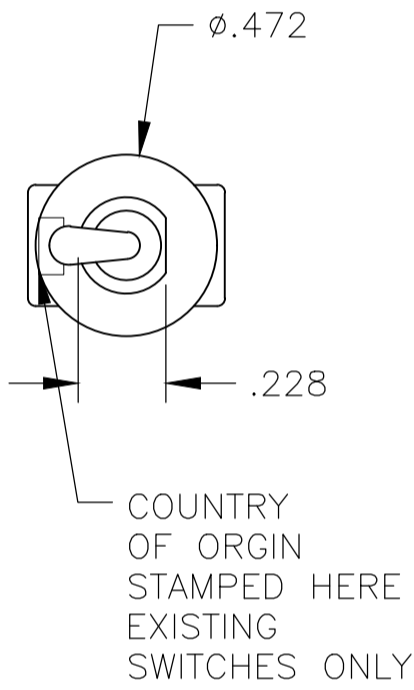
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG M.BINNER	05APRR04	 TE Connectivity Ltd.
DIMENSIONS:		CHK M.ZITTO	05APRR04	
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD M.ZITTO	05APRR04	
INCHES		PRODUCT SPEC		NAME
		1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -		TOGGLE SWITCH, MTE SERIES VERTICAL MOUNT -
MATERIAL	-	WEIGHT	0	SIZE CAGE CODE DRAWING NO A1 00779 C6-1437558-8
		CUSTOMER DRAWING		RESTRICTED TO -
				SCALE 2:1 SHEET 1 OF 3 REV CC

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—

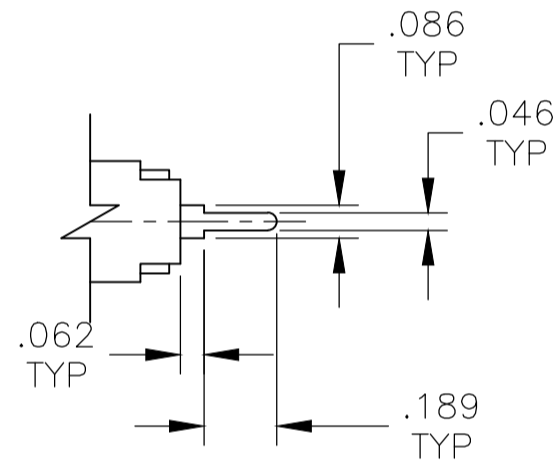
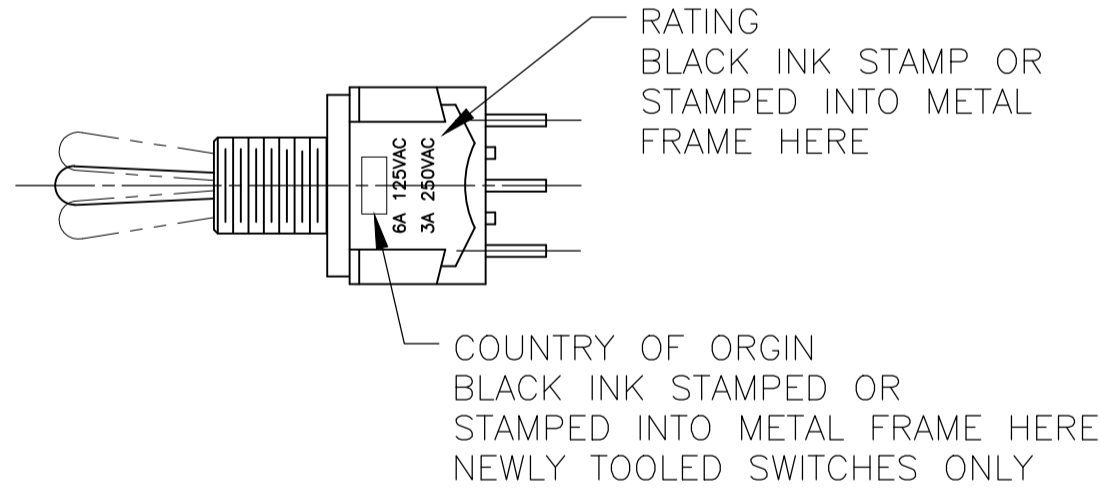


MTE-106

MTE-206



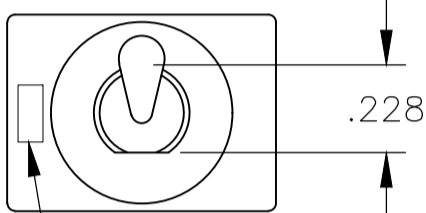
WIRE LUG TERMINAL



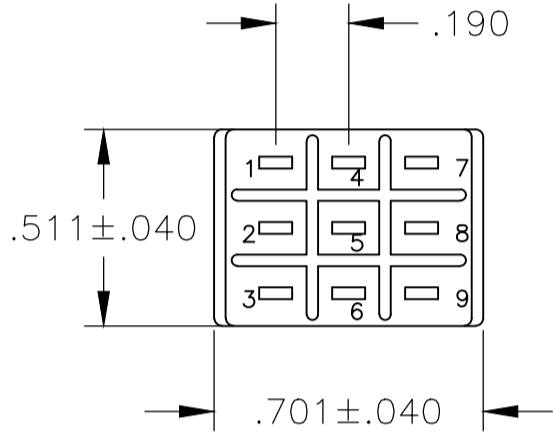
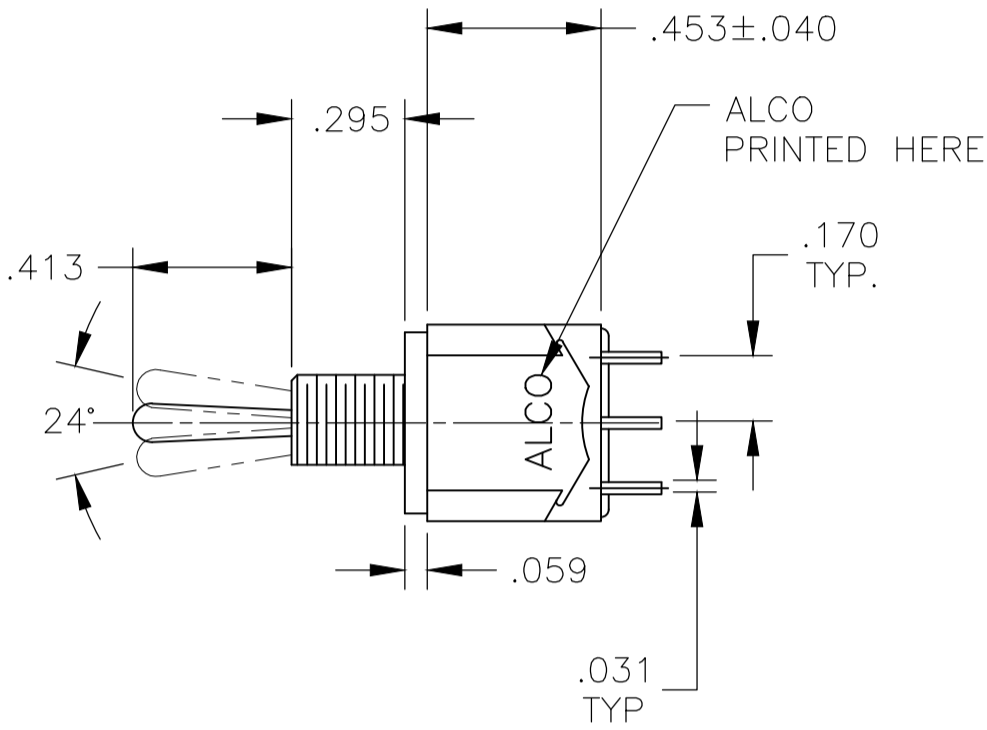
PC TERMINAL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. BINNER 08APR04	TE Connectivity Ltd.	
		CHK M. ZITTO 08APR04		
DIMENSIONS: INCHES		APVD M. ZITTO 08APR04	NAME TOGGLE SWITCH, MTE SERIES VERTICAL MOUNT	
		PRODUCT SPEC		
		APPLICATION SPEC		
		WEIGHT		
MATERIAL —		FINISH —		
		CUSTOMER DRAWING		
		SCALE 2:1		
		SHEET 2		
		OF 3		
		REV C6		

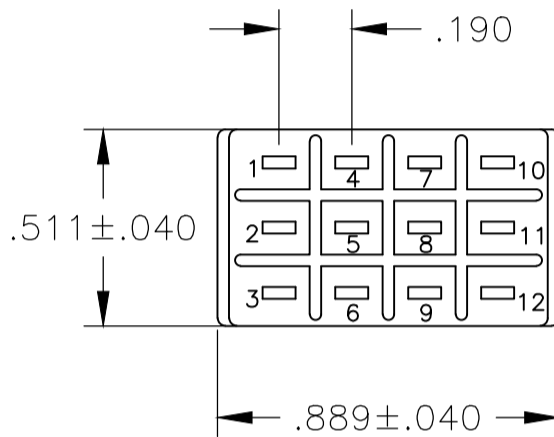
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—



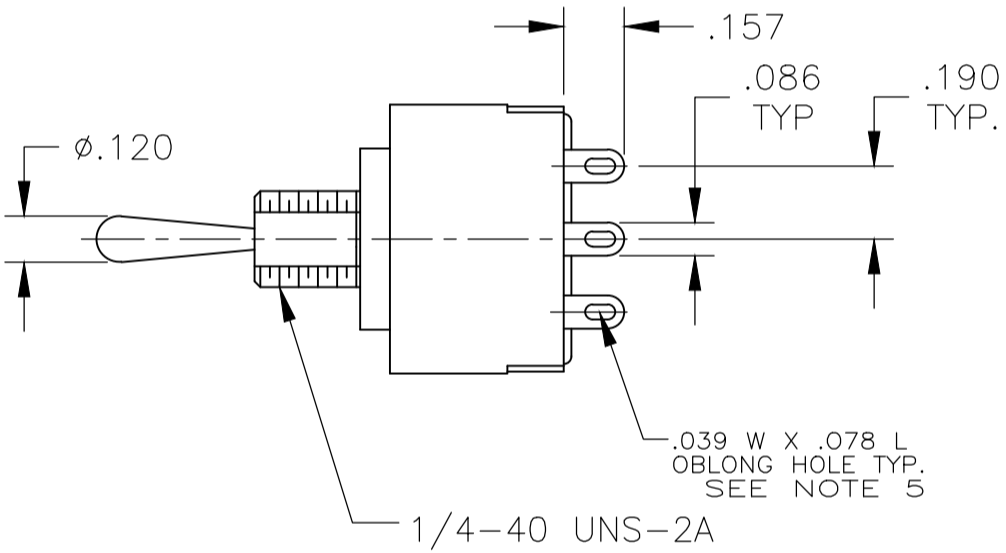
COUNTRY OF ORGIN  
STAMPED HERE  
EXISTING  
SWITCHES ONLY



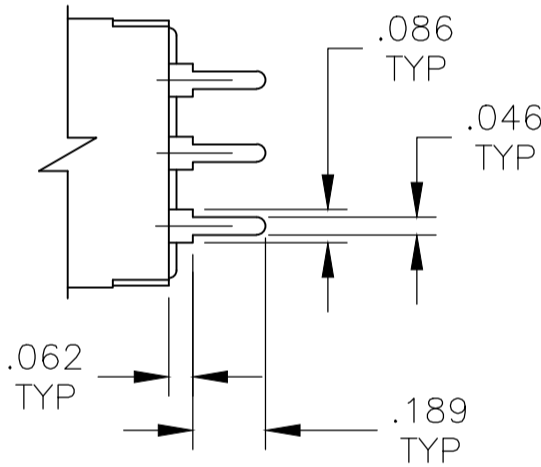
MTE-306



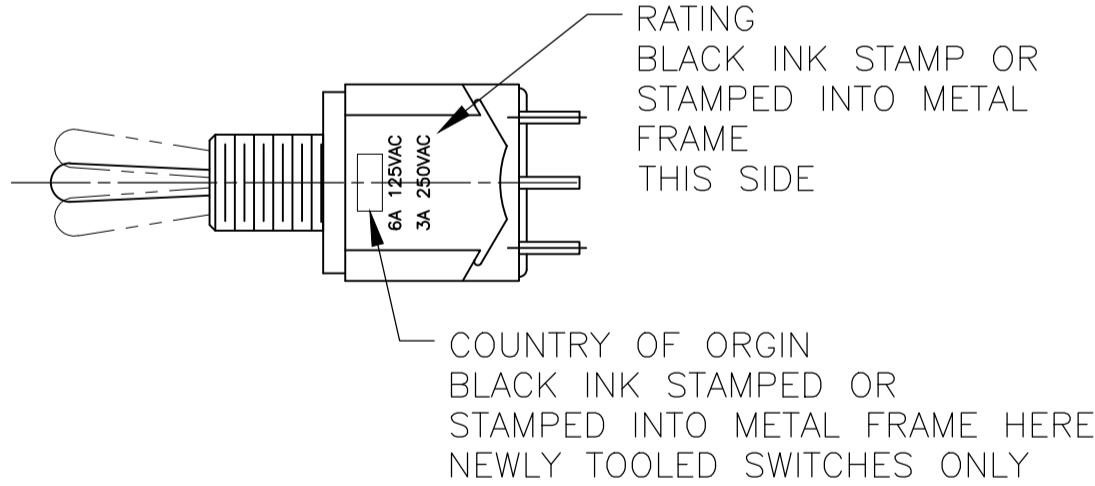
MTE-406



WIRE LUG TERMINAL



PC TERMINAL



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± .—

1. PLC ± .—

2. PLC ± .—

3. PLC ± .005

4. PLC ± .—

ANGLES ± .—

FINISH

—

DWN  
M. BINNER  
08APR04

CHK  
M. ZITTO  
08APR04

AP'D  
M. ZITTO  
08APR04

PRODUCT SPEC

APPLICATION SPEC

—

WEIGHT

—

CUSTOMER DRAWING

TE Connectivity Ltd.

NAME  
TOGGLE SWITCH, MTE SERIES  
VERTICAL MOUNT

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
6-1437558-8

RESTRICTED TO

—

SCALE  
2:1

SHEET  
3

OF  
3

REV  
C6

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