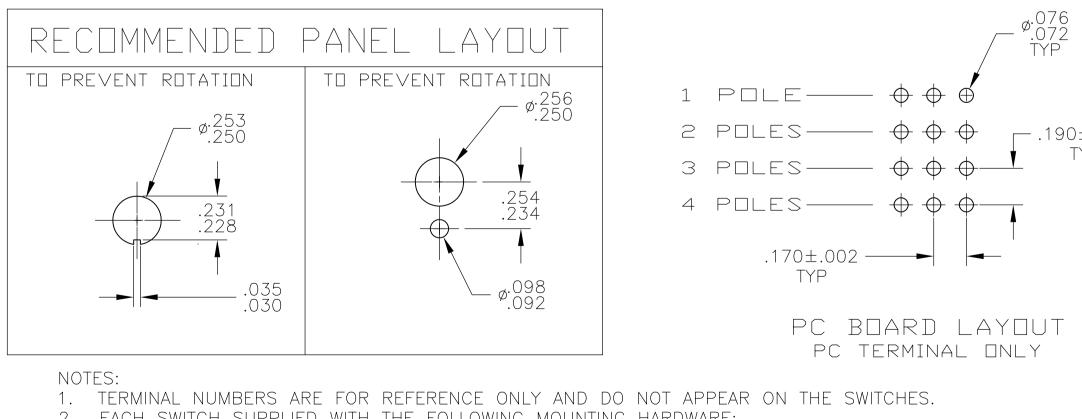
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	Materials									
No. Component name	Base material	Finish								
1 Housing	High temp, UL 94V-0, green									
2 End terminal	silver clad copper alloy	5 microinches min. gold								
3 Center terminal	copper alloy	5 microinches min. gold								
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 nuts (2)	brass	200 microinches min. bright nickel								
13 Locating ring	cold rolled steel	zinc or nickel								
14 Internal tooth lockwasher	steel	zinc or nickel								

	Specifications-see note 3					Part Number	Alco Model	Poles	Throws	Function	Terminal	ALCU ALCU 3 2 1 6 5 4 9 8 7 12 11 10
Current rating UL & CSA						4-1437558-8	MTA406PPC	4	2	ON OFF ON	PC	2-3, 5-6, 8-9, 11
	3A @ 250 VAC (resistive)					4-1437558-7	MTA406PAPC	2	3	ON ON ON	PC	5-6, 11-12
	4A @ 28 VDC (resistive)				8 4	4-1437558-6	MTA406PA	2	3	ON ON ON	Wire lug	5-6, 11-12
Termination resistance	20 milliohms max @ 2-4 VDC,	1 A				4-1437558-5	MTA406P	4	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9, 11
Insulation resistance	1,000 megohms min.					4-1437558-4	MTA406NPC	4	2	ON ON	PC	2-3, 5-6, 8-9, 11
Withstanding voltage	1,000 VAC					4-1437558-3		4	2	ON ON	Wire lug	2-3, 5-6, 8-9, 11
Travel	24 +/-6 degrees					4-1437558-2		3	2	ON OFF(ON)	PC	2-3, 5-6, 8-9
Actuation force	.05 to 1.5 kgf				- <u>/}</u>	4-1437558-1		3	2	ON OFF(ON)	Wire lug	2-3, 5-6, 8-9
Operating temperature	-20C to +85C					4-1437558-0		3	2	ON (ON)	PC	2-3, 5-6, 8-9
Storage temperature	-40C to +85C					3-1437558-9		3	2	ON (ON)	Wire lug	2-3, 5-6, 8-9
Contact timing	break before make					3-1437558-8		3	2	ON OFF ON	PC	2-3, 5-6, 8-9
Terminal seal	epoxy or insert molded					3-1437558-7		3	2	ON OFF ON	Wire lug	2-3, 5-6, 8-9
						3-1437558-6		3	2	ON ON	PC	2-3, 5-6, 8-9
Durability	Parameter	2 Position	3 Position	Momentary		3-1437558-5		3	2	ON ON	Wire lug	2-3, 5-6, 8-9
	mechanical (no load)	150,000	100,000	/		3-1437558-4		2	2	ON OFF(ON)	PC	2-3, 5-6
	250 VAC (3A resistive)	80,000	60,000	60,000		3-1437558-3		1	3	ON ON (ON)	Wire lug	5-6
	125 VAC (6A resistive)	80,000	60,000	60,000	- <u>/</u> }	3-1437558-2		2	2	ON OFF(ON)	Wire lug	2-3, 5-6
	28 VDC (4A resistive)	60,000	50,000	40,000		3-1437558-1		2	2	(ON) OFF (ON)	PC	2-3, 5-6
						3-1437558-0			3	(ON) ON (ON)	Wire lug	<u>5-6</u> 2-3, 5-6
						2-1437558-9 2-1437558-8		2	2	(ON) OFF (ON)	Wire lug PC	2-3, 5-6
				076		2-1437558-7		2	2	ON (ON)		
)ED PANEL LAYOUT		/ Ø	076 072 IYP		2-1437558-5		2	2	ON (ON) ON OFF ON	Wire lug PC	2-3, 5-6
				ΙΥΡ		2-1437558-4			3	ON ON ON	PC PC	5-6
TO PREVENT ROTATI		1 POLE	$\oplus \oplus \oplus$			2-1437558-3		1	3	ON ON ON	Wire lug	5-6
<i>φ</i> .22	53 50 50	2 POLES		.190±.002		2 - 1437558 - 2		2	2	ON OFF ON	Wire lug	2-3, 5-6
		3 POLES	$\varphi \varphi \varphi$	TYP		2-1437558-1		2	2	ON ON	PC	2-3, 5-6
						2 - 1437558 - 0		2	2	ON ON	Wire lug	2-3, 5-6
	.254 .234	4 POLES	$\phi \phi \phi - \phi$		8	1-1437558-9		1	2	ON OFF(ON)	PC	2-3
.22						1-1437558-8		1	2	ON OFF(ON)	Wire lug	2-3
		.170±.002 - TYP			\leftarrow	1-1437558-7		1	2	(ON) OFF (ON)	PC	2-3
	035 .030 					1-1437558-6		1	2	(ON) OFF (ON)	Wire lug	2-3
		PC BE	JARD LAYD	UT		1 - 1437558 - 5		1	2	ON (ON)	PC	2-3
		PC TI	ERMINAL ONL`	Y	-	1-1437558-4		1	2	ON (ON)	Wire lug	0 7
NOTES: 1 terminal num	MBERS ARE FOR REFERENCE ONLY AND DO NO	T APPFAR ON THE SWI	TCHES			1-1437558-3	MTA106EPC	1	2	ON OFF ON	PC	2-3
	SUPPLIED WITH THE FOLLOWING MOUNTING HA					1-1437558-2	MTA106E	1	2	ON OFF ON	Wire lug	2-3
(2) 1/4-40 UN	NS-2B HEX NUTS					1-1437558-1	MTA106DPC	1	2	ON ON	PC	2-3
(2) 1/4-40 UN	OOTH LOCKWASHER					1-1437558-1 1571616-1	MTA106DPC MTA106DUL	1	2 2	ON ON ON ON	PC Wire lug	<u>2-3</u> 2-3



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. 7. CUSTOMER INSTALLED EXTERNAL JUMPERS BETWEEN TERMINALS 2 AND 4 AS WELL AS 8 AND 10 REQUIRED FOR 2 POLE 3 THROW FUNCTION.
- 8 OBSOLETE 9. LASER MARKING USED FOR PARTS.

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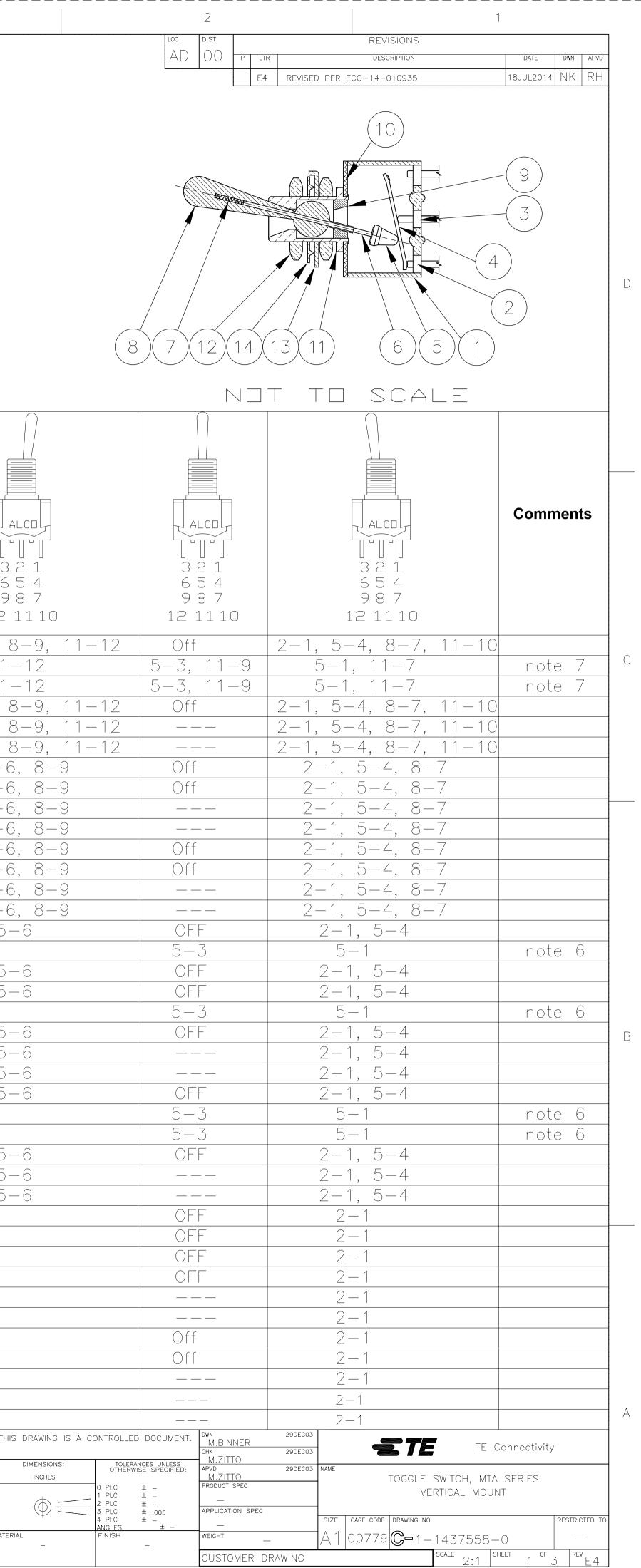
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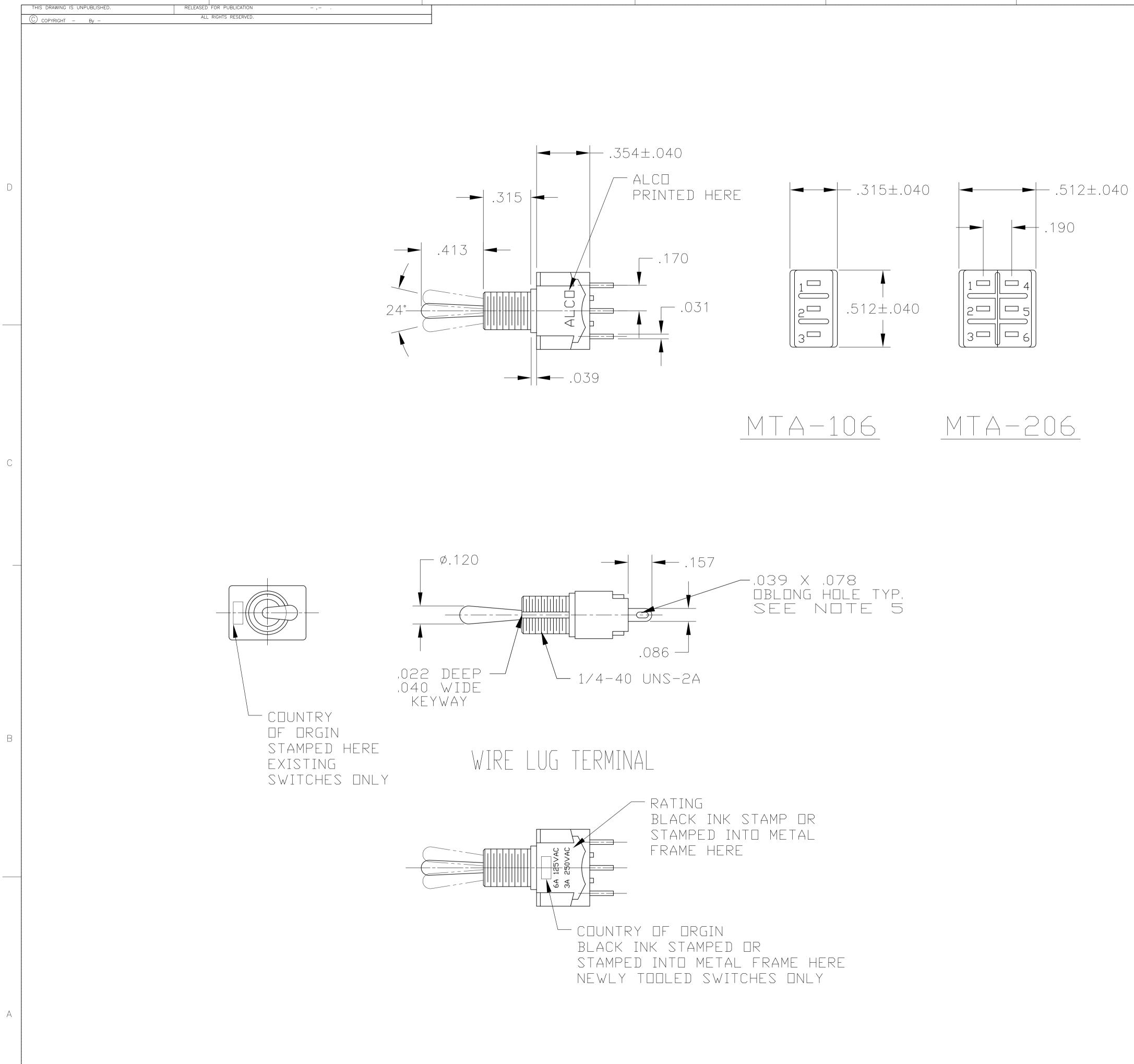
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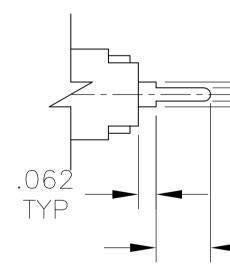




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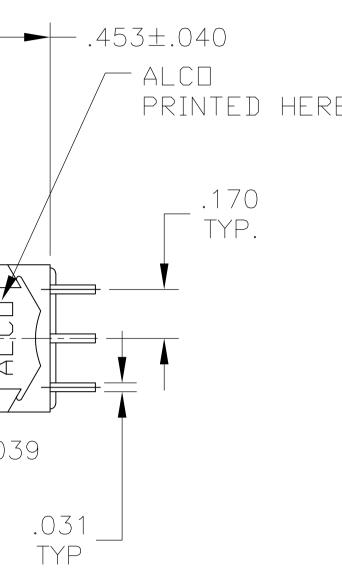
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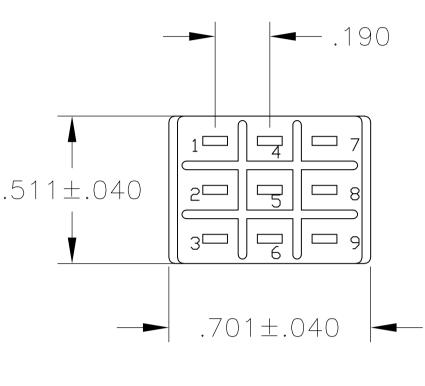
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		снк 29DEC03 М.ZITTO]	E T		Connectivity	
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 29DEC03 M.ZITTO	NAME	TOCCLE	E SWITCH, MT/	A SERIES	
	0 PLC ± - 1 PLC ± -	PRODUCT SPEC	1		vertical mou		
1	2 PLC $\pm -$ 3 PLC $\pm .005$	APPLICATION SPEC	-				
	4 PLC ± – ANGLES ± –	_	SIZE	CAGE CODE DRAWING	NO		RESTRICTED TO
	FINISH –	WEIGHT	1A1	00779 C -1	-1437558-	-0	
		CUSTOMER DRAWING			SCALE 1:1	SHEET OF	3 ^{rev} E4

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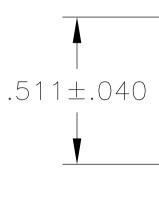
6 THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION ALL RIGHTS RESERVED. D .315 .413 🗕 24° -----.039 — COUNTRY Of Orgin С STAMPED HERE EXISTING Switches Only __ Ø.120 1/4-40 UNS-2A-В WIRE LUG TERMINAL 125 6A 3A А 4805 (3/11)

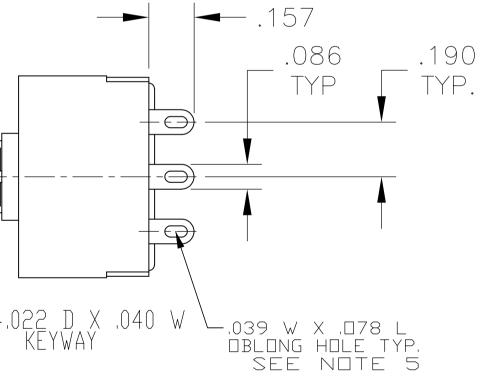
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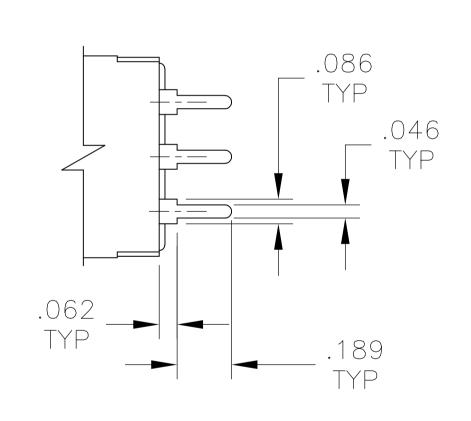




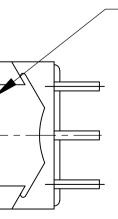
MTA-306







PC TERMINAL



-RATING Black ink stamp or STAMPED INTO METAL FRAME THIS SIDE

- COUNTRY OF ORGIN BLACK INK STAMPED OR STAMPED INTO METAL FRAME HERE NEWLY TOOLED SWITCHES ONLY

> THIS DRAWING IS A DIMENSIONS: INCHES \oplus MATERIAL _

MTA-406

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TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK 29DECO M.ZITTO APVD 29DECO		ET.		onnectivity	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005	M.ZITTO product spec — application spec	_		SWITCH, MTA /ERTICAL MOUN		
4 PLC ± – ANGLES ± –	_	SIZE	CAGE CODE DRAWING 1			RESTRICTED TO
FINISH –	WEIGHT	A1	00779 C- 1	-1437558-0	0	
	CUSTOMER DRAWING			SCALE 1:1	eet 3 of 3	3 ^{rev} E4

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Mouser Electronics

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TE Connectivity: MTA106G