	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 ove					
12	Mounting nuts (2)	brass	200 microinches min. bright nic					
4 7								

cold rolled steel

steel

8

13 Locating ring

14 Internal tooth lockwasher

D

С

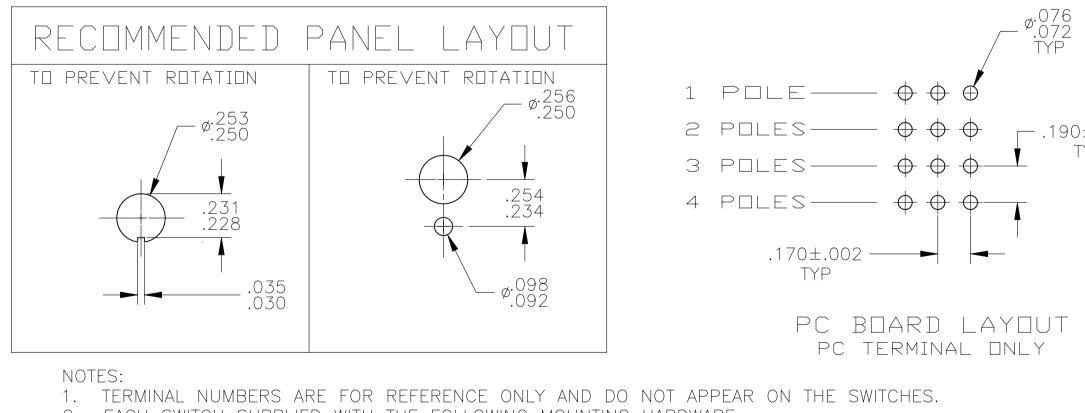
В

А

4805 (1/15)

TE Connectivity. All Rights Reserved.

	Specifications see note 2					Part Number	Alco Model	Poles	Throws	Function	Terminal	ALCU ALCU 3 2 1 6 5 4 9 8 7 12 11 1
Irrent rating UL & CSA	<b>Specifications-see note 3</b> 6A @ 125 VAC (resistive)					4-1437558-8	MTA406PPC	4	2	ON OFF ON	PC	2-3, 5-6, 8-9,
	3A @ 250 VAC (resistive)				$+ \land \vdash$	4 - 1437558 - 7	MTA406PAP	$\sim$ 2	3	ON ON ON	PC	5-6, 11-12
	4A @ 28 VDC (resistive)					4-1437558-6		2	3	ON ON ON	Wire lug	,
mination resistance	20 milliohms max @ 2-4 VDC,	1 A				4-1437558-5		4	2	ON OFF ON	Wire lug	,
ulation resistance	1,000 megohms min.					4-1437558-4		4	2	ON ON	PC	2-3, 5-6, 8-9,
hstanding voltage	1,000 VAC					4-1437558-3	MTA406N	4	2	ON ON	Wire lug	
vel	24 + / - 6 degrees					4-1437558-2	MTA306HPC	3	2	ON OFF(ON)	PC	2-3, 5-6, 8-
uation force	.05 to 1.5 kgf					4-1437558-1	MTA306H	3	2	ON OFF(ON)	Wire lug	
erating temperature	-20C to +85C					4-1437558-0	MTA306FPC	3	2	ON (ON)	PC	2-3, 5-6, 8-
rage temperature	-40C to +85C					3-1437558-9	MTA306F	3	2	ON (ON)	Wire lug	2-3, 5-6, 8-
ntact timing	break before make					3-1437558-8	MTA306EPC	3	2	ON OFF ON	PC	2-3, 5-6, 8-
minal seal	epoxy or insert molded					3-1437558-7	MTA306E	3	2	ON OFF ON	Wire lug	2-3, 5-6, 8
						3-1437558-6	MTA306DPC	3	2	ON ON	PC	2-3, 5-6, 8
ability	Parameter	2 Position	3 Position	Momentary		3-1437558-5	MTA306D	3	2	ON ON	Wire lug	2-3, 5-6, 8-
	mechanical (no load)	150,000	100,000	80,000	8	3-1437558-4	MTA206TPC	2	2	ON OFF(ON)	PC	2-3, 5-6
	250 VAC (3A resistive)	80,000	60,000	60,000		3-1437558-3	MTA206TA	1	3	ON ON (ON)	Wire lug	5-6
	125 VAC (6A resistive)	80,000		60,000	8	3-1437558-2	MTA206T	2	2	ON OFF(ON)	Wire lug	,
	28 VDC (4A resistive)	60,000	50,000	40,000		3-1437558-1	MTA206SPC	2	2	(ON) OFF (ON)	PC	2-3, 5-6
					8	3-1437558-0	MTA206SA	1	3	(ON) ON (ON)	Wire lug	
						2-1437558-9	MTA206S	2	2	(ON) OFF (ON)	Wire lug	,
						2-1437558-8		2	2	ON (ON)	PC	2-3, 5-6
			Ø·	076 072 YP	-	2-1437558-7		2	2	ON (ON)	Wire lug	,
RECUMMENL	)ED PANEL LAYOUT			TP		2-1437558-5		2	2	ON OFF ON	PC	2-3, 5-6
TO PREVENT ROTATI		1 POLE				2-1437558-4		1	3	ON ON ON	PC	5-6
. 25	53 Ø.256					2-1437558-3		1	3	ON ON ON	Wire lug	
Ø-25	50	2 POLES	$\Phi \Phi \Phi$	.190±.002 TYP		2-1437558-2	MTA206P	2	2	ON OFF ON	Wire lug	,
		3 POLES	$\phi \phi \phi - \mathbf{I}$		<u> </u>	2-1437558-1	MTA206NPC	2	2	ON ON	PC	2-3, 5-6
	.254 .234	4 POLES	$\oplus \oplus \oplus -$			2-1437558-0		2	2	ON ON	Wire lug	,
						1-1437558-9		1	2	ON OFF(ON)	PC	2-3
		.170±.002 -			<u> </u>	1-1437558-8		1	2	ON OFF(ON)	Wire lug	
	035 .030	TYP				1-1437558-7		1	2	(ON) OFF (ON)	PC	2-3
	.030		JARD LAYDI	IΤ		$\frac{1-1437558-6}{1-1437558}$		1	2	(ON) OFF (ON)	Wire lug	
			ERMINAL ONL'		-	1 - 1437558 - 5			2	ON (ON)	PC	2-3
NOTES:						1 - 1437558 - 4			2	ON (ON)	Wire lug	
1. TERMINAL NUM	BERS ARE FOR REFERENCE ONLY AND DO NO		TCHES.			1 - 1437558 - 3			2	ON OFF ON	PC	2-3
	SUPPLIED WITH THE FOLLOWING MOUNTING HA NS-2B HEX NUTS	NKUWAKE:			-	1 - 1437558 - 2				ON OFF ON	Wire lug	
						1-1437558-1	MTA106DPC		2	ON ON	PC	2-3
(1) INTERNAL T	OOTH LOCKWASHER					1671010 1		1		$\cap \mathbb{N}$	\ \ / *	
<ul><li>(1) INTERNAL T</li><li>(1) LOCATING R</li></ul>					<u> </u>	<u>1571616-1</u> 1-1437558-0	MTA106DUL MTA106D	1	2	ON ON	Wire lug Wire lug	



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.

			1
		_	
		7	
	4	7	

ver	10	micro	sinch	es	min.	copp	ber
icke							

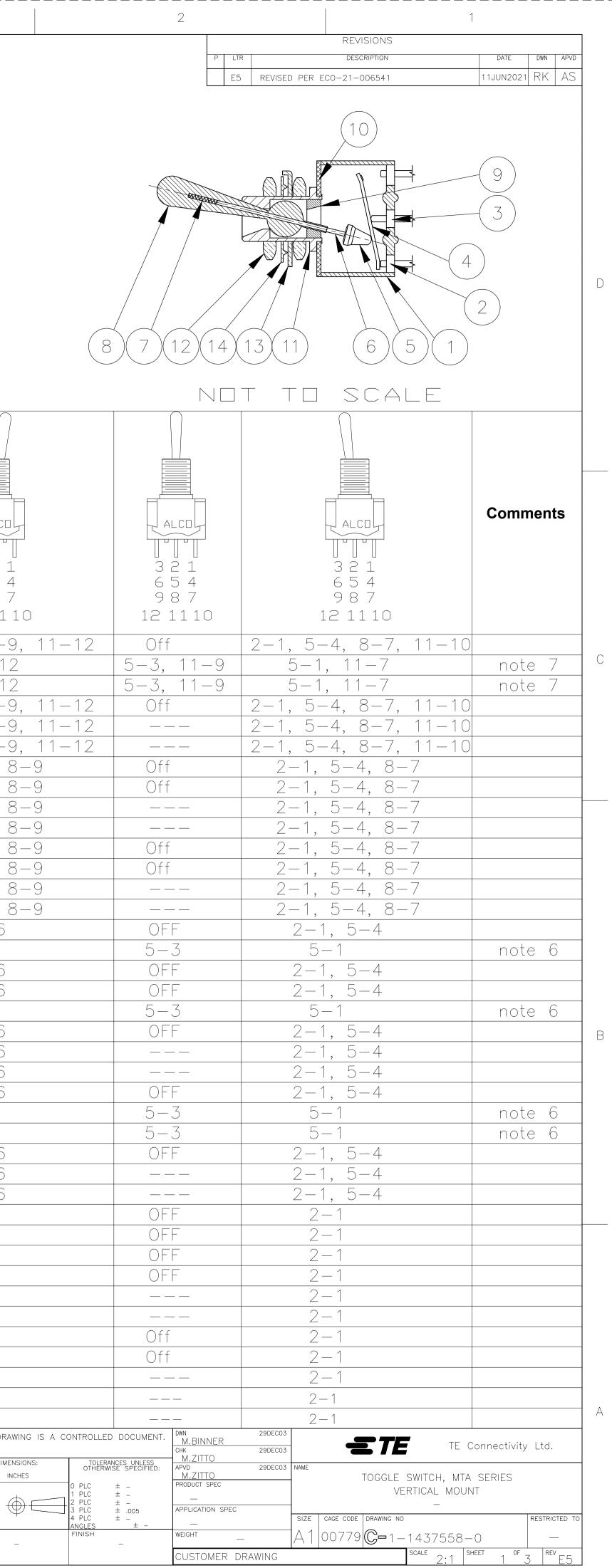
6

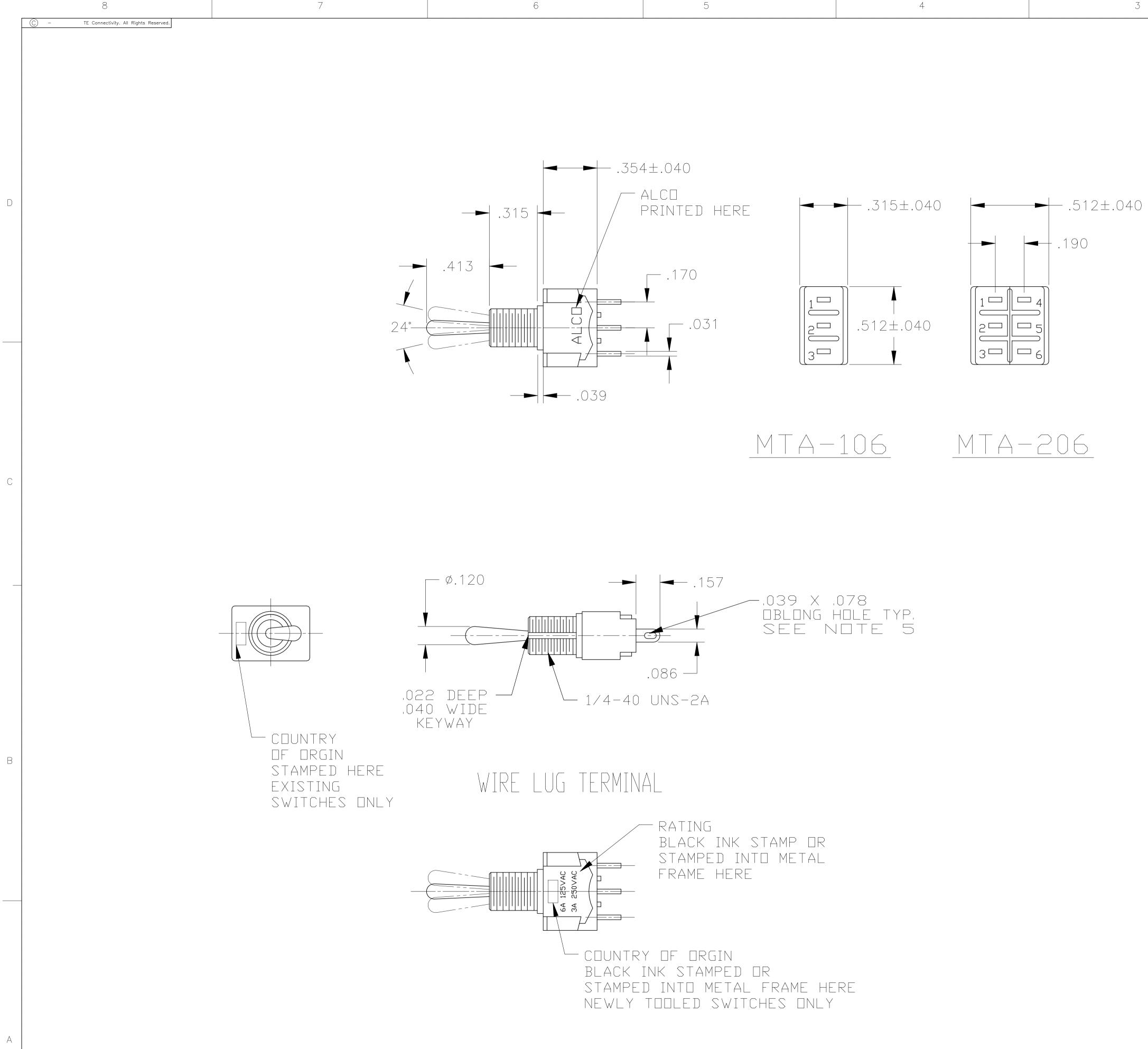
zinc or nickel

zinc or nickel

DIMENSIONS: INCHES

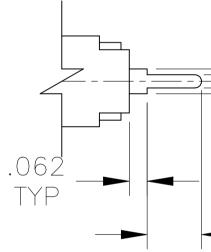
MATERIAL -





4805 (1/15)

i de la constante d			
		7	
	4		
Ű		C C	



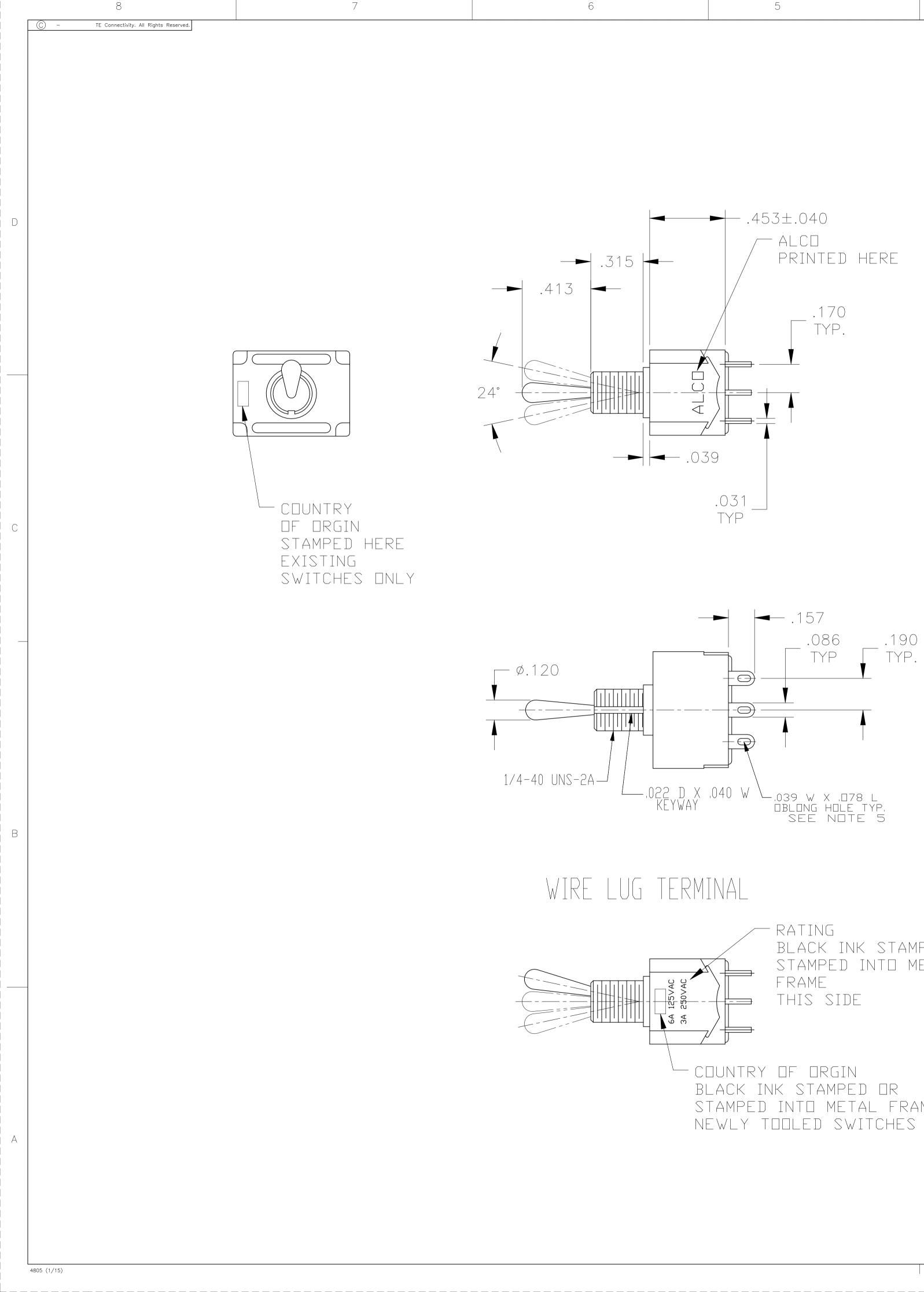


THIS	DRAWING	IS	А	
- - -	BILIENCION			
	DIMENSIONS	5:		
	INCHES			
	4			
	- (			
	ľ			
MATERIA	L			
	-			

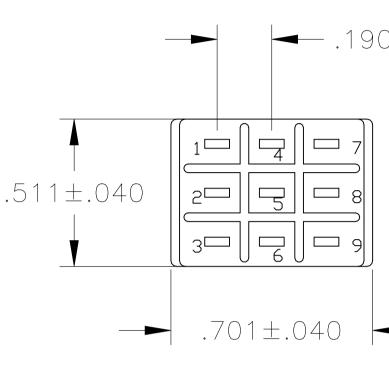
2					1				
	P	LTR		REVISIONS DESCRIPTION		DATE	DWN	APVD	
		_	SEE SHEET 1			_	_	_	-
									D
									С
.086 TYP									
.046 .046									
TYP									
.189									
TYP									
									В
RMINAL									

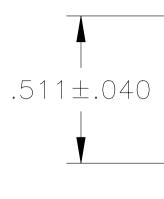
С	ONTROLLED DOCUMENT.	DWN 29DEC03 M.BINNER		_	e te	ТС	Coppe		l t c	1	
		снк 29DEC03 M.ZITTO			STE		Conne	ectivity	LlC	1.	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD 29DEC03 M.ZITTO	NAME TOGGLE SWITCH, MTA SERIES								
-	0 PLC ± - 1 PLC ± -	PRODUCT SPEC				RTICAL MOU		ULU			
+	2 PLC ± - 3 PLC ± .005	APPLICATION SPEC									
	$\begin{array}{cccc} 4 & PLC & \pm & - \\ ANGLES & \pm & - \\ \end{array}$	_	SIZE	CAGE CODE	DRAWING NO				RESTF	RICTED TO	
	FINISH –	WEIGHT	A1	00779	<b>C-</b> 1 –	1437558	-0				
		CUSTOMER DRAWING				scale 1:1	SHEET	2 <sup>of</sup> 3	3 R	E5	

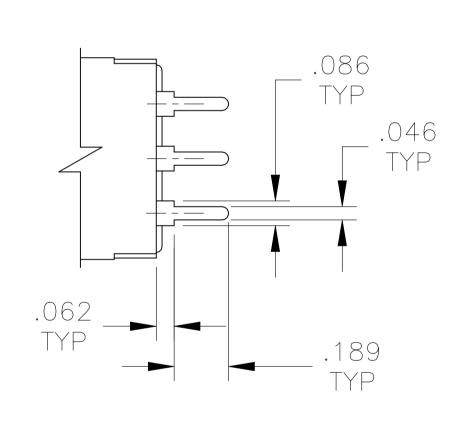
А



	5	4	3 2			1		
			I		REVISIONS			ľ
				P LTR	DESCRIPTION		DWN APVD	Ţ
	453±.040 — ALCO PRINTED HERE			_ SEE SHEET 1				D
ALCO		190 1.511±.040 3.511±.040		$\square_{10}$				
.03	39 .031 TYP	.701±.040 $ MTA-306$	889±.040 MTA-406					С







PC TERMINAL

\_\_\_\_\_

-RATING Black ink stamp or STAMPED INTO METAL

STAMPED INTO METAL FRAME HERE Newly tooled switches only

THIS DRAWING IS A ( DIMENSIONS: INCHES  $\oplus$ MATERIAL -

С	ONTROLLED DOCUMENT.	DWN 29DEC03 M.BINNER		_	- TE	ТГ	Conn	ectivity	(   td	
		снк 29DEC03 M.ZITTO			STE		COIIIt	ectivity	Llu.	
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 29DEC03 M.ZITTO	NAME TOGGLE SWITCH, MTA SERIES							
1	0 PLC ± - 1 PLC ± - 2 PLC ± -	PRODUCT SPEC				RTICAL MOU				
1	3 PLC ± .005	APPLICATION SPEC								
	4 PLC ± – ANGLES ± –	_	SIZE	CAGE CODE	DRAWING NO				RESTRICTED	то
	FINISH –	WEIGHT	A1	00779	$\mathbb{G}^{1-}$	1437558	-0			
		CUSTOMER DRAWING				SCALE 1:1	SHEET	3 <sup>OF</sup> .	3 REV FS	5

А

В

## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity: MTA406N