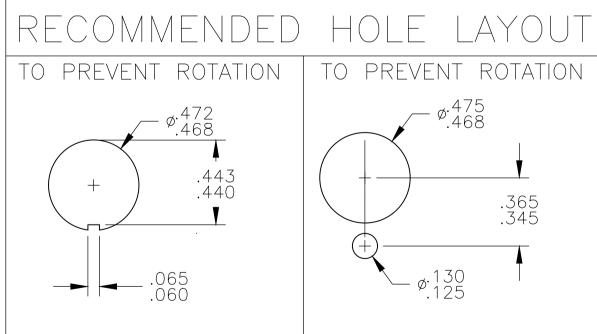
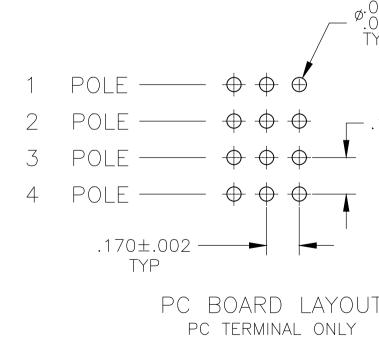
	Materials									
No.	Component name	Base material	Finish							
1	Housing	High Temp., UL 94V–0, gre	en							
2	End terminal	silver clad copper alloy	5 microinches min. gold							
3	Center terminal	copper alloy	5 microinches min. gold							
4	Rocker contact	silver clad copper alloy	5 microinches min. gold							
5	Actuator	Phenol resin, UL94 HB, blac	ck							
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. coppe							
12	Mounting nuts (2)	brass	200 microinches min. bright nickel							
1.3	locatina rina	cold rolled steel	zinc or Nickel							

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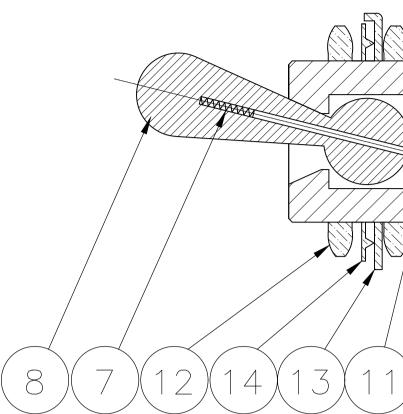
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THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION - , ALL RIGHTS RESERVED.			_, _, , _, , _, , _, I, _, , _, ,		<u>.</u>					P LTR	REVISIONS	DATE DWN APVD
											D6	ECR-18-009229	DATE DWN APVD 25SEP2018DHCPO
No. Component r	name Base mate	Materials erial Finis	h										
1 Housing	High Temp.,	UL 94V-0, green		•									
2 End terminal 3 Center terminal		/ 5 mi	croinches	min. gold min. gold									
4 Rocker contact 5 Actuator		copper alloy 5 mi n, UL94 HB, black	croinches	min. gold						$\left(1\right)$	\bigcirc		
6 Plunger 7 Spring	stainless ste music wire												
8 Toggle	brass		me or Nic	ckel								9	
9 Retainer 10 Frame	cold rolled s		or Nickel										
11 Bushing 12 Mounting nuts	(2) brass			<u>es min. nickel over 10 mi</u> ies min. bright nickel	croinches min. cop	pper						(3)	
13 Locating ring 14 Internal tooth I	cold rolled s	steel zinc	or Nickel or Nickel										
	IUCKWUSHEI SLEEI		UT MICKET									$\left(4 \right)$	
												$\left(2 \right)$	
								(
									8 7 12 (14(13(11))	6)(5)(1)	
	Specifications-se	e note 3								OT TO SC			
Current rating UL & CSA	A 6A @ 125 VAC (resist												
	3A@250VAC(resist4A@28VDC(resistiv												C
	20 milliohms max @ .												
Insulation resistance Withstanding voltage	1,000 megohms min. 1,000 VAC												
Travel	24 +/-6 degrees												
Actuation force Operating temperature	.05 to 1.5 kgf -20C to +85C												
Storage temperature	-40C to +85C				– Part – Number	Alco Model	Poles Throws	Function	Terminal A	ALCO	ALCO	ALCO	Comments
Contact timing Terminal seal	break before make epoxy or insert molde	٥d									TTT 3 2 1		
										6 5 4 9 8 7	6 5 4 9 8 7	6 5 4 9 8 7	
Durability	Parameter mechanical (no load)	2 Posi 150	tion <u>3</u> ,000	PositionMomentary100,00080,000						12 11 10	12 11 10	12 11 10	
	250 VAC (3A resistive)) 80),000	60,000 60,000			4 2	ON OFF ON	Wire lug .453	2-3, 5-6, 8-9, 11-12	Off	2-1, 5-4, 8-7, 11-10	
	125 VAC (6A resistive) 28 VDC (4A resistive)),000),000	60,00060,00050,00040,000			4 2 4 2	ON ON ON ON	Wire lug .685 Wire lug .453	2-3, 5-6, 8-9, 11-12 2-3, 5-6, 8-9, 11-12		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
· L					2-1437559-9	MTG306E	3 2	ON OFF ON	Wire lug .453	2-3, 5-6, 8-9	Off	2-1, 5-4, 8-7	
					7 3-1437559-0 2-1437559-8		3 2 3 2	ON ON ON	Wire lug .685 Wire lug .453	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	В
RECOMMENDE	ED HOLE LAYOU	JT		¢.076 .072 TYP	2-1437559-7	MTG226PA	1 3	ON ON ON	Wire lug .685	5-6	5-3	5-1	note 6
TO PREVENT ROTATIO	ON TO PREVENT ROTATIO				7 2-1437559-6 7 2-1437559-5		2 2 2	ON OFF ON ON ON	Wire lug .685 Wire lug .685	2-3, 5-6 2-3, 5-6	Off 	2-1, 5-4 2-1, 5-4	
¢.472	¢.475 .468			$- \Phi \Phi \Phi = 190 \pm 002$	7 2-1437559-4	MTG206T	2 2	ON OFF(ON)	Wire lug .453	2-3, 5-6	Off	2-1, 5-4	
.443		3 PC)LE	$- \oplus \oplus \oplus \oplus190 \pm .002$ $- \oplus \oplus \oplus - \blacksquare$ TYP	2-1437559-3 7 $2-1437559-2$		2 2 2	(ON) OFF (ON) ON (ON)	Wire lug.453Wire lug.453	2-3, 5-6 2-3, 5-6	Off 	2-1, 5-4 2-1, 5-4	
	.365 .345	4 PC)LE	$- \phi \phi \phi - \phi$	2-1437559-1	MTG206PA	1 3	ON ON ON	Wire lug .453	5-6	5-3	5-1	note 6
			.170±.002 -		2-1437559-0 1-1437559-9		2 2	ON OFF ON ON ON	Wire lug .453 PC .453	2-3, 5-6 2-3, 5-6	Off 	2-1, 5-4 2-1, 5-4	
	¢.130 .125		ΤΥΡ		1-1437559-8	MTG206N	2 2	ON ON	Wire lug .453	2-3, 5-6		2-1, 5-4	
				BOARD LAYOUT c terminal only	7 1 - 1437559 - 0 7 1 - 1437559 - 7		1 2	ON OFF (ON)	Wire lug .685 Wire lug .685	2-3 2-3	Off Off	<u>2-1</u> 2-1	
NOTES:					7 1-1437559-6	MTG126D	1 2		Wire lug .685	2-3		2-1	
1. TERMINAL NUMB	BERS ARE FOR REFERENCE ONLY SUPPLIED WITH THE FOLLOWING M		HE SWITCHE	ES.	7 1-1437559-5 1-1437559-4		1 2	ON OFF(ON) (ON) OFF (ON)	Wire lug .453 Wire lug .453	2-3 2-3	Off Off	<u>2-1</u> 2-1	
(2) 15/32-32 U	JNS-2B HEX NUTS OTH LOCKWASHER				1-1437559-3	MTG106F	1 2	ON (ON)	Wire lug .453	2-3		2-1	
(1) LOCATING RIN					1-1437559-2 1-1437559-1		1 2 1 2	ON OFF ON ON ON	Wire lug .453 Wire lug .453	2-3 2-3	Off 	<u>2-1</u> 2-1	A
										THIS DRAWING IS A CONTROLLED DOCU	MENT. DWN M.BINNER	29DEC03	Connectivity Ltd.
5. WIRE LUG CONT 6. CUSTOMER INST	TACTS WILL ACCEPT 2 #20 AWG TALLED EXTERNAL JUMPER BETWE	SOLID OR STRANDED WIRES. EEN TERMINALS 2 AND 4 RE	QUIRED FOR	R 1 POLE 3 THROW FUNCTION.						DIMENSIONS: TOLERANCES UNL OTHERWISE SPECI	M.ZITTO APVD M.ZITTO PRODUCT SPEC	29deco3 name TOGGLE SWITCH, MT	
OBSOLETE										$0 PLC \pm -$ $1 PLC \pm -$ $2 PLC \pm -$ $3 PLC \pm .005$	APPLICATION SPEC	VERTICAL MOU	JNT
8. LASER MARKING	G USED FOR PARTS.									A PLC ± 1000 4 PLC ± - ANGLES ± MATERIAL FINISH		size cage code drawing no A 1 00779 C −1−1437559	e - 1 e estricted to
4805 (1/15)						·····					CUSTOMER DRA	AWING SCALE 2:1	SHEET OF REV 1 3 D6



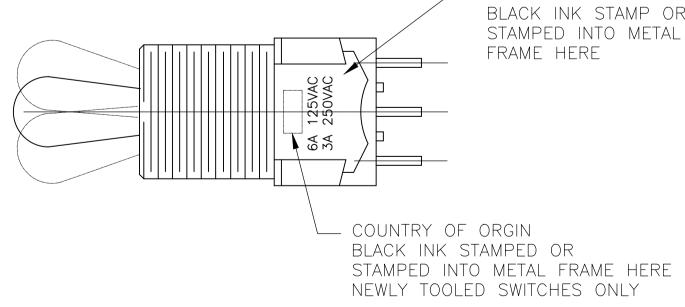


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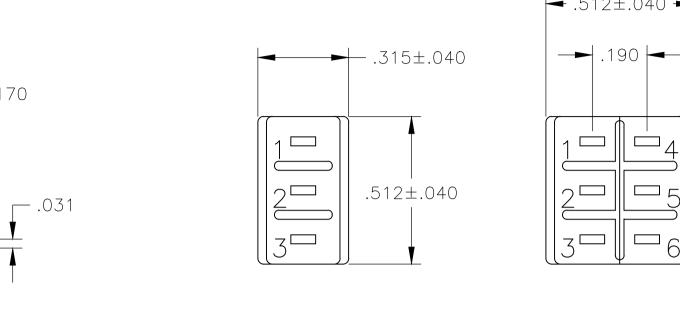


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				ALCO PRINTED HERE	$\frac{1}{2}$	MTG - 206	
		COUNTRY OF ORGIN STAMPED HERE EXISTING SWITCHES ONLY	.036 DEEP .071 WIDE KEYWAY		039 X .078 Oblong Hole typ. See Note 5		↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
B			WIRE LUG	; TERMINAL			PC TE
				- RATING			

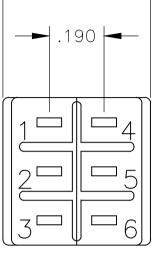


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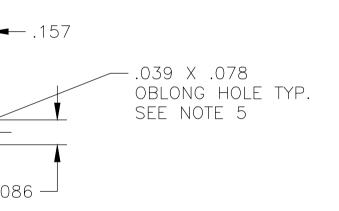
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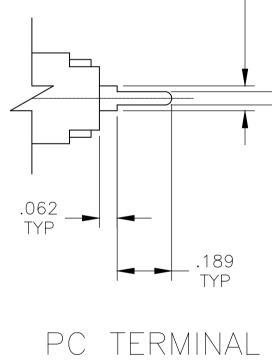








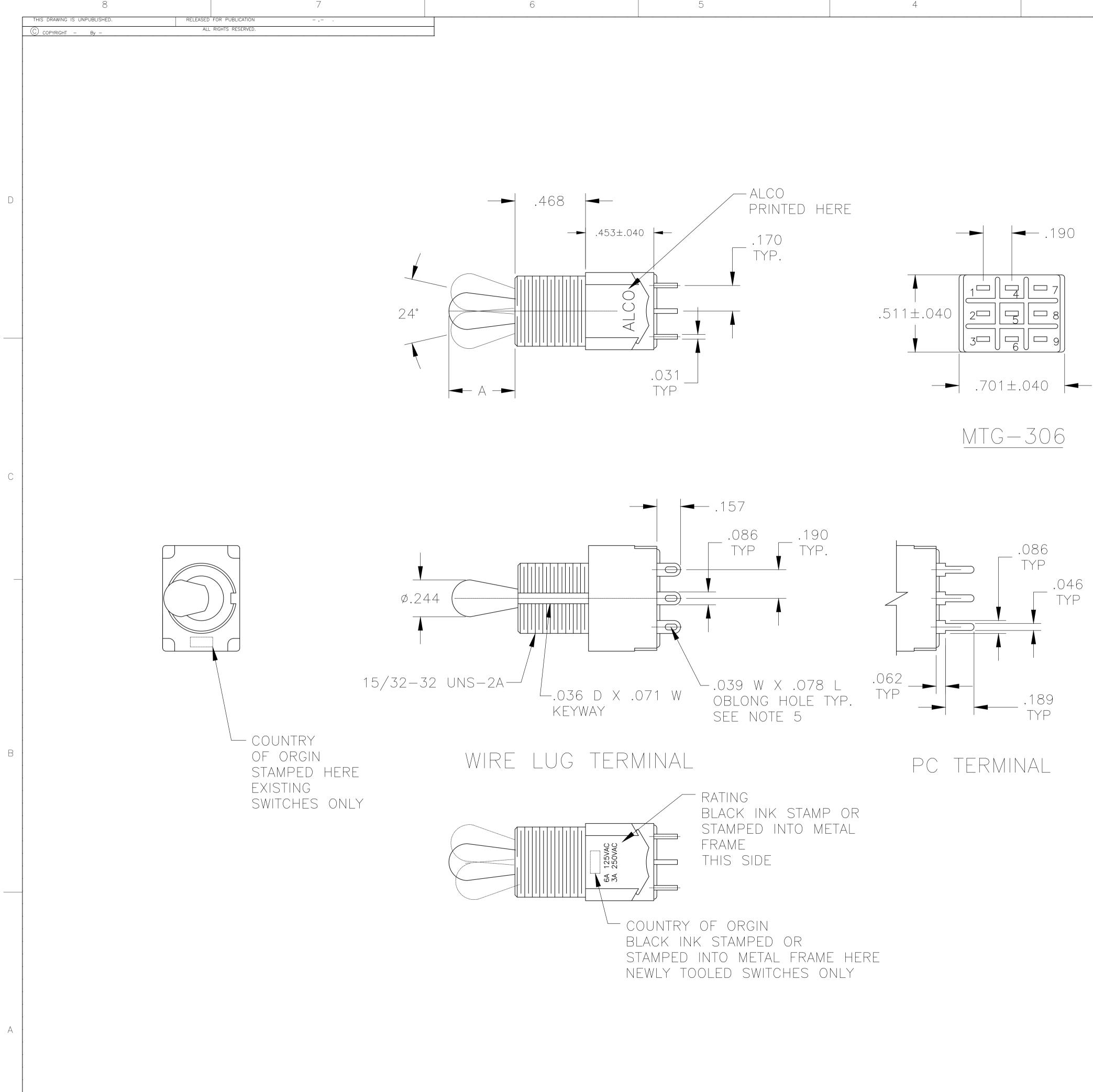
– RATING BLACK INK STAMP OR STAMPED INTO METAL FRAME HERE



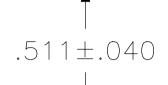
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A CONTROLLED DOCUMENT.	<u>М.ВIN</u> снк М.ZIT		29DEC03		E TE	TE Co	onnectivity	Ltd.		
TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.ZIT PRODUCT		29DEC03	NAME	TOGGLE SWIT	CH, MTG Al Mount	SERIES			

	CHK 29DEC03	3				001111	county	Ltu.
TOLERANCES UNLESS OTHERWISE SPECIFIED:	M.ZITTO APVD 29DEC03 M.ZITTO	5 NAME						
0 PLC ± - 1 PLC ± -	PRODUCT SPEC				SWITCH, M Irtical mo		RIES	
2 PLC ± - 3 PLC ± .005	APPLICATION SPEC		1		—			
4 PLC $\pm -$ ANGLES $\pm -$		SIZE	CAGE CODE	DRAWING NO				RESTRICTED TO
FINISH _	WEIGHT	A1	00779	C- 1-	1437559	9—1		
	CUSTOMER DRAWING				scale 3:1	SHEET	2 ^{of}	3 ^{rev} D6



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THIS DRAWING IS A DIMENSIONS: INCHES \oplus MATERIAL -

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С	ONTROLLED DOCUMENT.	M.BINNER		TE Connectivity Ltd.	
		снк 29Deco3 M.ZITTO		TE Connectivity Ltd.	
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD 29DEC03 M.ZITTO	NAME	TOGGLE SWITCH, MTG SERIES	
7	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005	PRODUCT SPEC 	-	VERTICAL MOUNT	
	$\begin{array}{cccc} 4 & PLC & \pm & -\\ ANGLES & \pm & -\\ \end{array}$		SIZE		го
	FINISH –	WEIGHT	 A1	1 00779 C- 1-1437559-1 -	
		CUSTOMER DRAWING		SCALE 3.1 SHEET 3 0F REV	

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