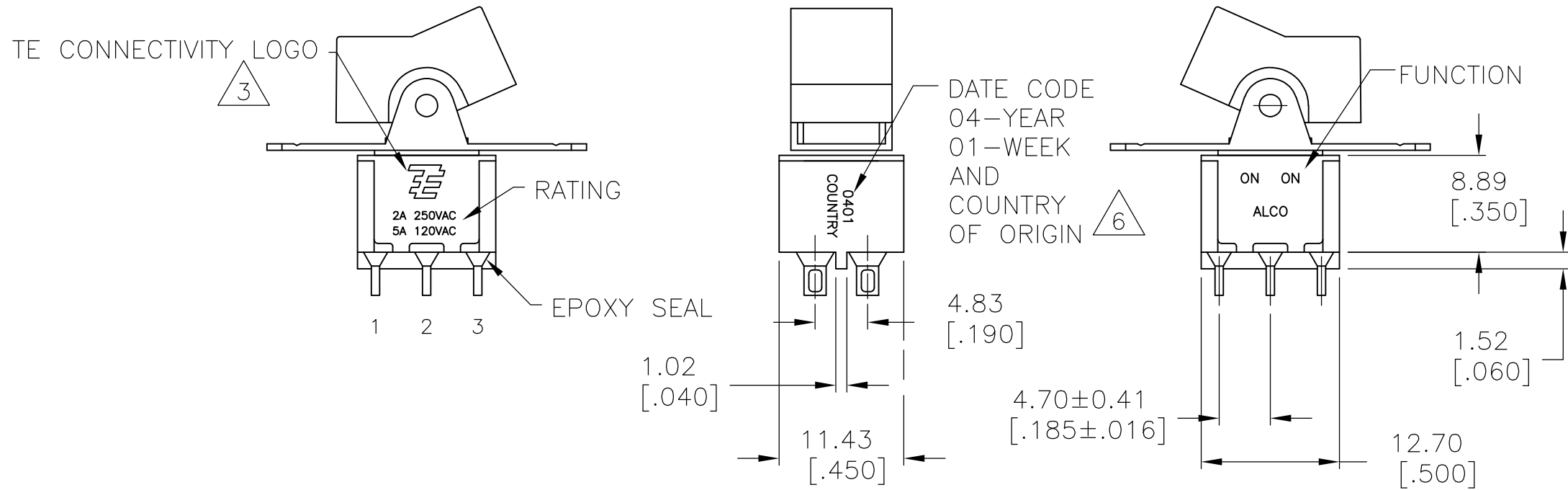


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A7	REVISED PER ECO-14-005988	23APR2014	NK	RH



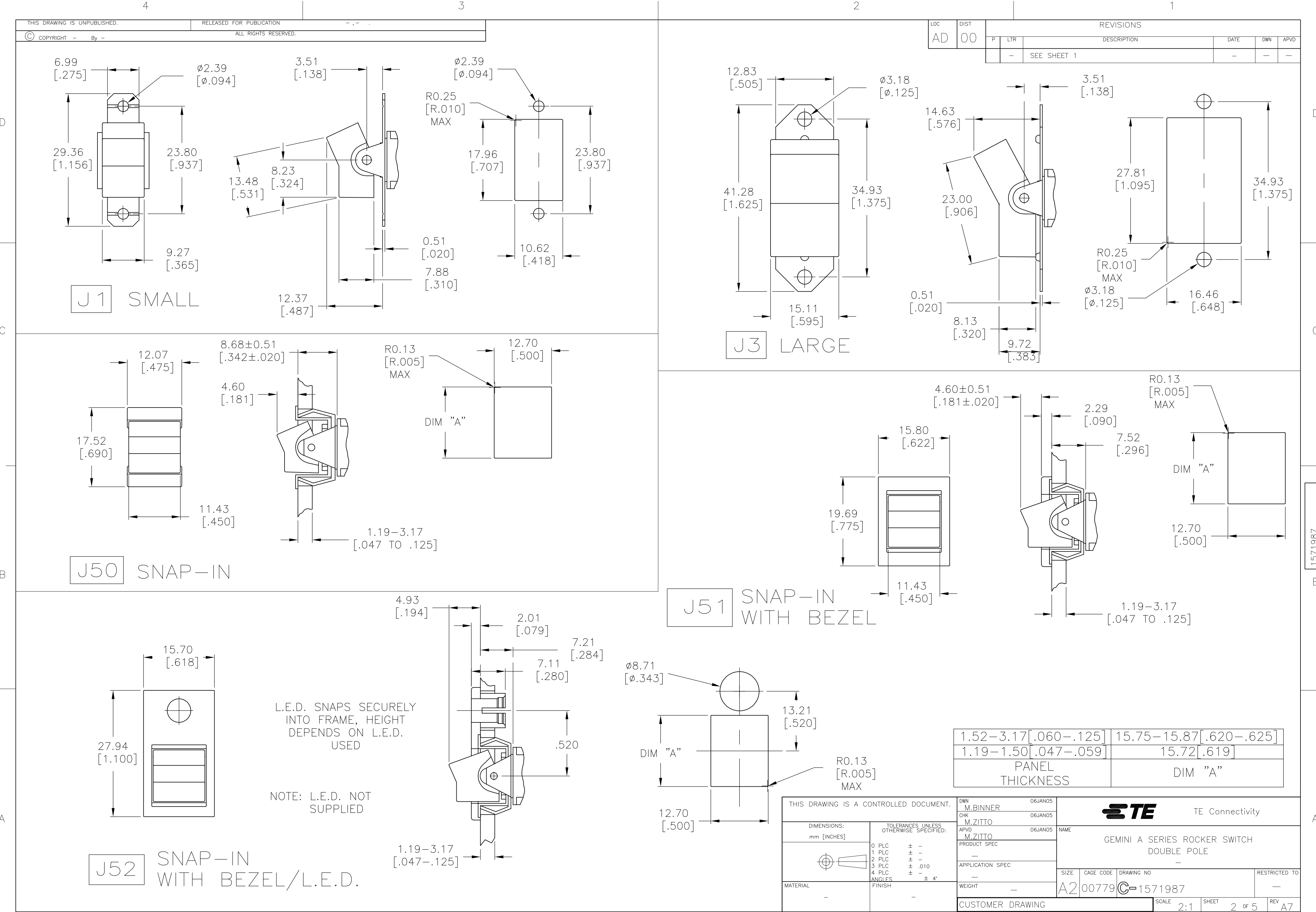
- 1
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 2
- G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON THE SWITCH IS 2A 250VAC, 5A 120VAC.
- 3
- TE CONNECTIVITY LOGO PER PER TEC-202-36.
- 5
- SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13, & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 & 5.
- 6
- DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 7
- PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.
- 8
- ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5
11	ON	ON	ON
13	ON	ON	(ON)
15	(ON)	ON	(ON)
TERMINALS CONNECTED	2-3, 5-6	2-3, 4-5	1-2, 4-5
SP3T SCHEMATIC (11, 13 & 15 ONLY) NOTE 5			
	IN 2, OUT 6	IN 2, OUT 4	IN 2, OUT 1
NONE: NO MECHANICAL POSITION OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION (ON): MOMENTARY ACTION			

SPECIFICATIONS	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS-SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR 5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
CONTACT RESISTANCE	10 MILLIOHMS MAX INITIAL @ 2-4VDC, 100MA
INSULATION RESISTANCE	1,000 MEGOHMS MIN
DIELECTRIC WITHSTANDING VOLTAGE	1,000 V RMS AT SEA LEVEL
OPERATING TEMPRATURE	-30C TO 85C

PART NUMBER SEQUENCE							
MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	FRAME COLOR	ROHS
A2							04
	01	J1	A	B	0 BLACK (STD)	0 BLACK (STD)	
	03	J3	AV2	G	1 BROWN	1 BROWN	
	05	J50	C	Q	2 RED	2 RED	
	07	J51	V3		3 ORANGE	3 ORANGE	
	08	J52	V4		4 YELLOW	4 YELLOW	
	11	J2	V7		5 GREEN	5 GREEN	
	13	J4	W		6 BLUE	6 BLUE	
	15	J60	W4		8 GRAY	8 GRAY	
		J61	Z		9 WHITE	9 WHITE	
		J62	Z3				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	 TE Connectivity				
		CHK M.ZITTO 06JAN05					
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD M.ZITTO 06JAN05	NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE				
	0 PLC ± -	PRODUCT SPEC —					
	1 PLC ± -	—					
	2 PLC ± -	APPLICATION SPEC —					
MATERIAL —	3 PLC ± .010	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	4 PLC ± -	—	A2	00779	C=1571987	—	
	ANGLES ± 4°	WEIGHT —					
FINISH —		CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 5	REV A7



LOC		DIST		REVISIONS							
AD		00		P	LTR	DESCRIPTION			DATE	DWN	APVD
				-	-	SEE SHEET 1			-	-	-

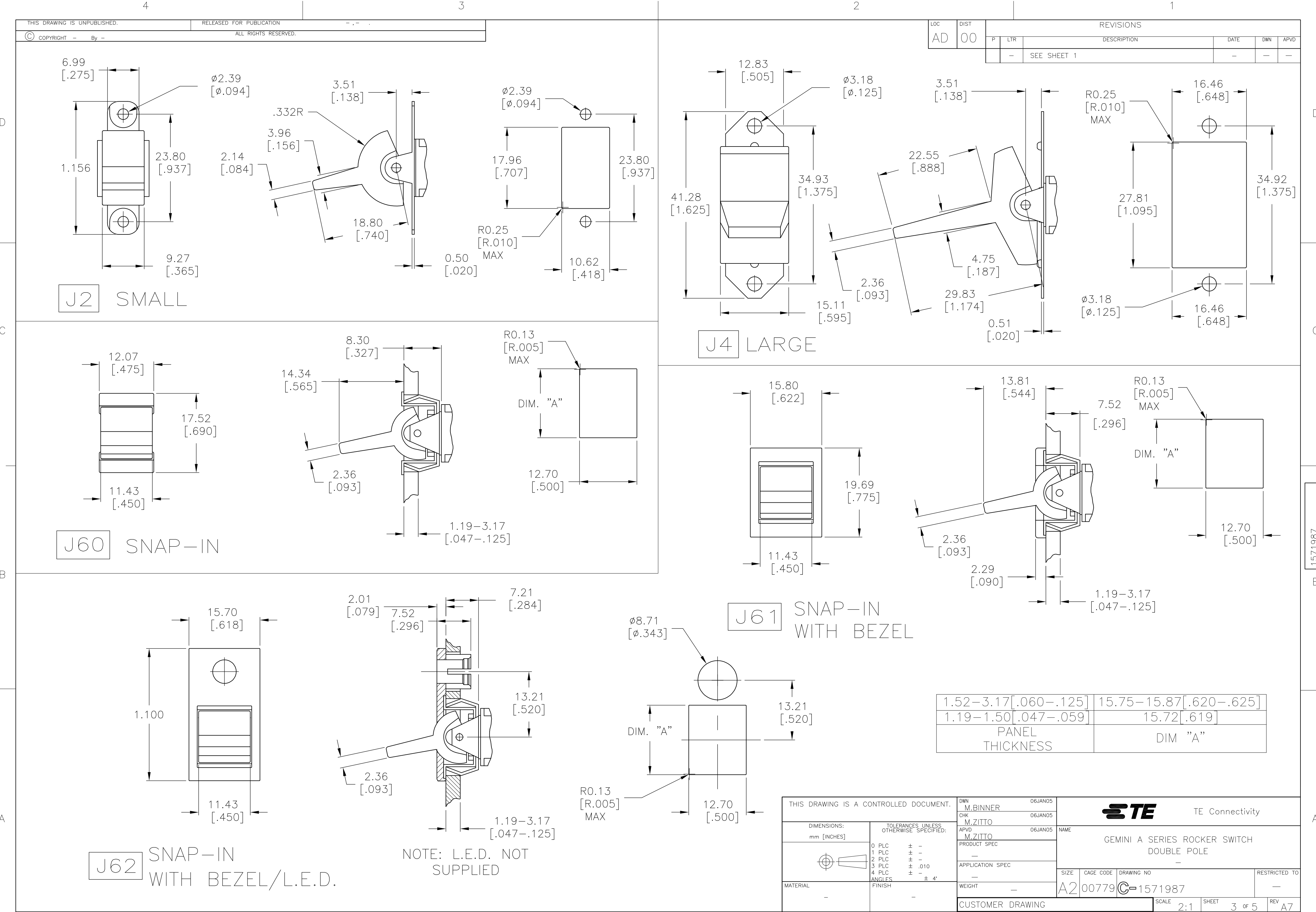
Technical drawing of a rocker switch assembly. The drawing includes three views: a top view (left), a side view (middle), and a front view (right). Dimensions are provided in millimeters (mm) and inches (in). Key dimensions include: Top View: 15.11 [0.595], 34.93 [1.375], 13.21 [0.520], 15.80 [0.622], 19.69 [0.775], 11.43 [0.450]. Side View: 0.51 [0.020], 8.13 [0.320], 9.72 [0.385], 14.63 [0.576], 23.00 [0.906], 3.51 [0.138]. Front View: 27.81 [1.095], 34.93 [1.375], 16.46 [0.648], 0.25 [0.010] MAX, 0.13 [0.005] MAX, 1.19-3.17 [0.047 TO 0.125], 7.52 [0.296], 2.29 [0.090], 4.60±0.51 [0.181±0.020].

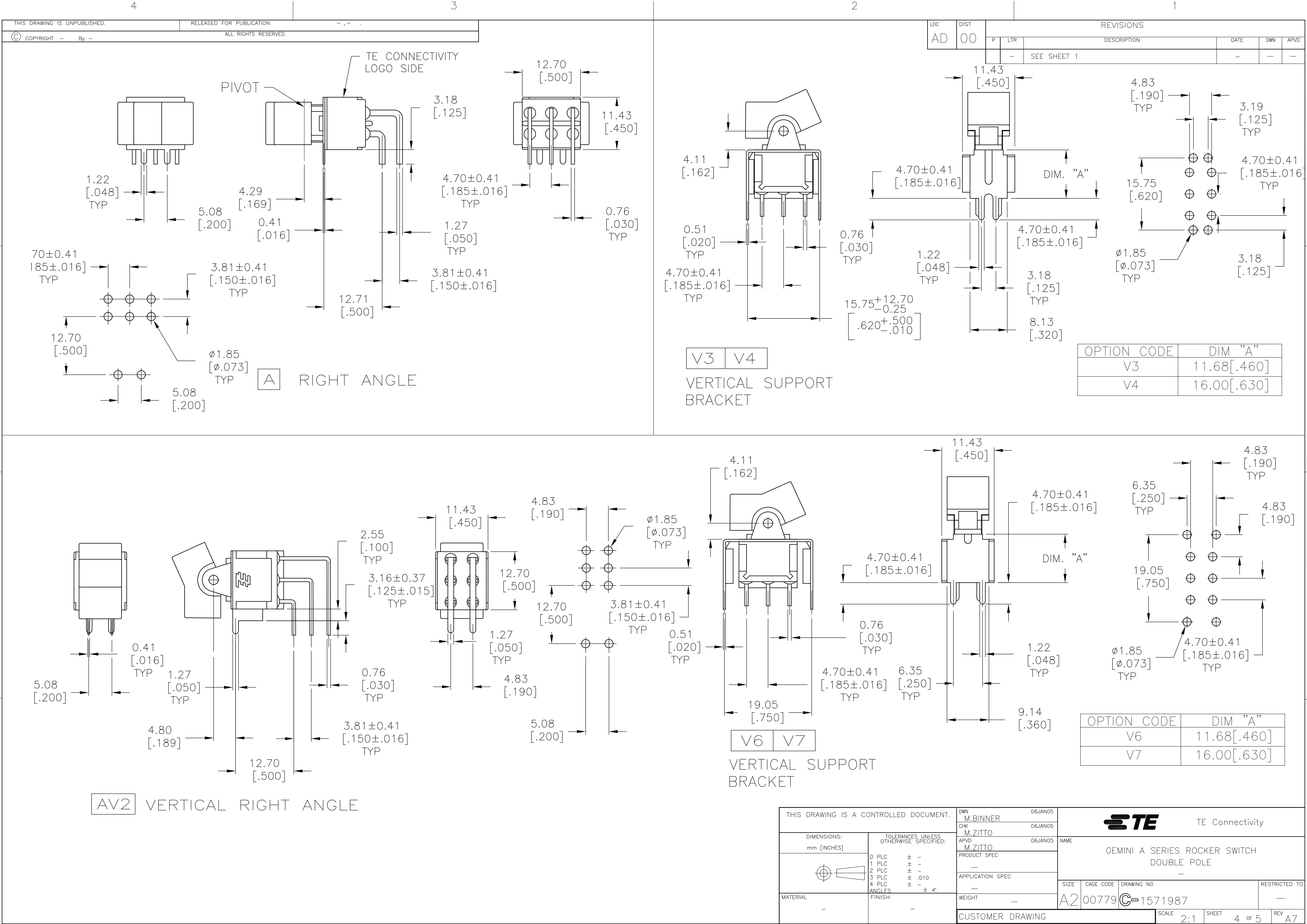
Technical drawing of a rocker switch assembly showing a top view (left) and a side view (middle). Dimensions are provided in millimeters (mm) and inches (in). Key dimensions include: Top View: 15.80 [0.622], 19.69 [0.775], 11.43 [0.450]. Side View: 4.60±0.51 [0.181±0.020], 2.29 [0.090], 7.52 [0.296], 1.19-3.17 [0.047 TO 0.125].

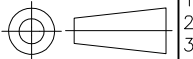
Technical drawing of a rocker switch assembly showing a top view (left) and a side view (middle). Dimensions are provided in millimeters (mm) and inches (in). Key dimensions include: Top View: 15.80 [0.622], 19.69 [0.775], 11.43 [0.450]. Side View: 4.60±0.51 [0.181±0.020], 2.29 [0.090], 7.52 [0.296], 1.19-3.17 [0.047 TO 0.125].

1.52-3.17 [0.060-0.125]	15.75-15.87 [0.620-0.625]
1.19-1.50 [0.047-0.059]	15.72 [0.619]
PANEL THICKNESS	DIM "A"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M.BINNER	06JAN05	 TE Connectivity	
DIMENSIONS:		CHK	M.ZITTO	06JAN05		
mm [INCHES]		APVD	M.ZITTO	06JAN05		
		PRODUCT SPEC				
		APPLICATION SPEC			NAME	GEMINI A SERIES ROCKER SWITCH DOUBLE POLE
		WEIGHT				
MATERIAL		FINISH			SIZE	CAGE CODE
					A2	00779
					DRAWING NO	
					C=1571987	
					RESTRICTED TO	
					-	
					SCALE	SHEET
					2:1	2 of 5
					REV	
					A7	

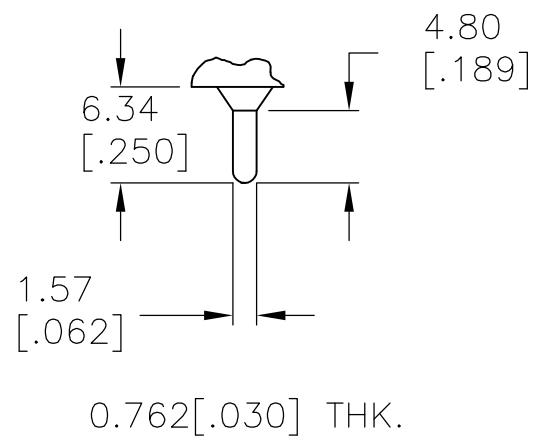
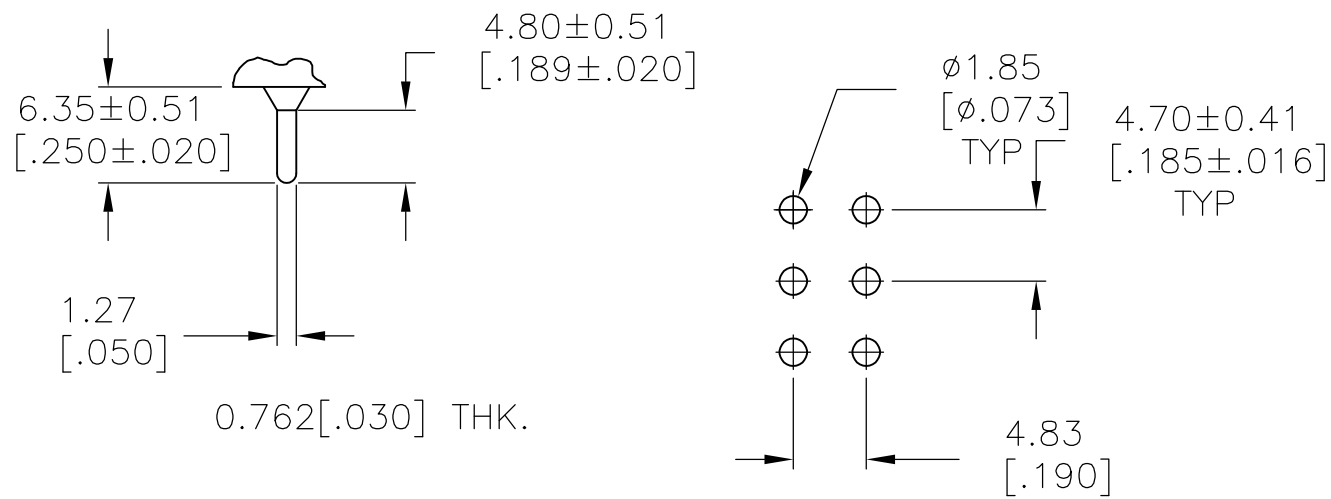




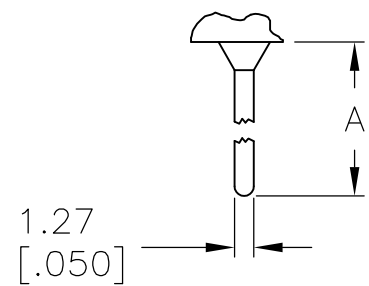
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M.BINNER	06JAN05	 TE Connectivity										
DIMENSIONS:			CHK M.ZITTO	06JAN05											
mm [INCHES]			APVD M.ZITTO	06JAN05											
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		GEMINI A SERIES ROCKER SWITCH DOUBLE POLE —									
		0 PLC ± —		PRODUCT SPEC											
		1 PLC ± —		—											
		2 PLC ± —		APPLICATION SPEC											
		3 PLC ± —		—											
4 PLC ± .010		—		SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO							
ANGLES ± —		—		A2		00779		C=1571987	—						
MATERIAL		FINISH		WEIGHT		—		—							
—		—		CUSTOMER DRAWING						SCALE	2:1	SHEET	4 of 5	REV	A7

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LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			-	SEE SHEET 1	-	-	-



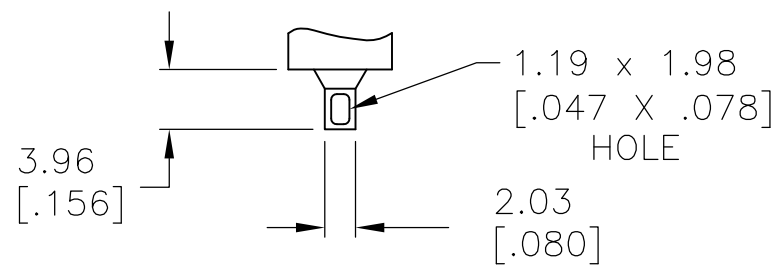
Z3 QUICK CONNECT



OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

0.762[.030] THK.

W | W4 | WIRE WRAP

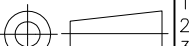


0.762[.030] THK.

Z WIRE LUG

MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, RED, UL94 V-0	
FRAME	STAINLESS STEEL	
B TERMINALS & CONTACTS	COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
ROCKER CAP	NYLON, BLACK, UL94 V-1	
BUSHING & ACTUATOR LEVER	ZINC ALLOY	NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	BRASS	TIN
PIVOT PIN	STEEL	NICKEL
TERMINAL SEAL	EPOXY, UL94 V-1	

A213J61ZQ0004	4-1571987-4
A211J51ZQ0004	4-1571987-3
A208J61ZQ0004	4-1571987-2
A208J51ZQ0004	4-1571987-1
A208J1V3Q004	4-1571987-0
NOT ASSIGNED	3-1571987-9
A207J61ZQ0004	3-1571987-8
A207J51ZQ0004	3-1571987-7
A207J3ZQ004	3-1571987-6
A207J1ZQ004	3-1571987-5
A205J61ZQ0004	3-1571987-4
A205J51ZQ0004	3-1571987-3
A205J2ZQ004	3-1571987-2
A205J2CQ004	3-1571987-1
A205J1ZQ004	3-1571987-0
A205J1AV2Q004	2-1571987-9
NOT ASSIGNED	2-1571987-8
A203J61ZQ0004	2-1571987-7
A203J51ZQ0004	2-1571987-6
NOT ASSIGNED	2-1571987-5
A203J1ZQ004	2-1571987-4
NOT ASSIGNED	2-1571987-3
A203J1CQ204	2-1571987-2
A203J1AV2Q004	2-1571987-1
A203J1AQ004	2-1571987-0
A201J61ZQ0004	1-1571987-9
A201J61Z3Q0004	1-1571987-8
A201J51ZQ9904	1-1571987-7
NOT ASSIGNED	1-1571987-6
A201J51ZQ0004	1-1571987-5
A201J50ZQ004	1-1571987-4
A201J50AV2Q804	1-1571987-3
A201J50AV2Q004	1-1571987-2
A201J3ZQ004	1-1571987-1
A201J3ZB004	1-1571987-0
A201J2ZQ004	1571987-9
A201J2CQ004	1571987-8
A201J1ZQ004	1571987-7
A201J1V3Q004	1571987-6
A201J1CQ004	1571987-5
A201J1AV2Q004	1571987-4
A201J1AQ204	1571987-3
A201J1AQ004	1571987-2
A211J61Z3Q0004	1571987-1
ALCO P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	06JAN05	 TE Connectivity			
		CHK M.ZITTO	06JAN05				
		APVD M.ZITTO	06JAN05				
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE —			
		0 PLC ± —					
		1 PLC ± —					
		2 PLC ± —					
		3 PLC ± .010		SIZE A2			
		4 PLC ± —					
		ANGLES ± 4°					
MATERIAL	FINISH	WEIGHT —		CAGE CODE	DRAWING NO	RESTRICTED TO	
—	—	—		00779	G-1571987	—	
CUSTOMER DRAWING						SCALE	SHEET
						2:1	5 OF 5
							REV AZ