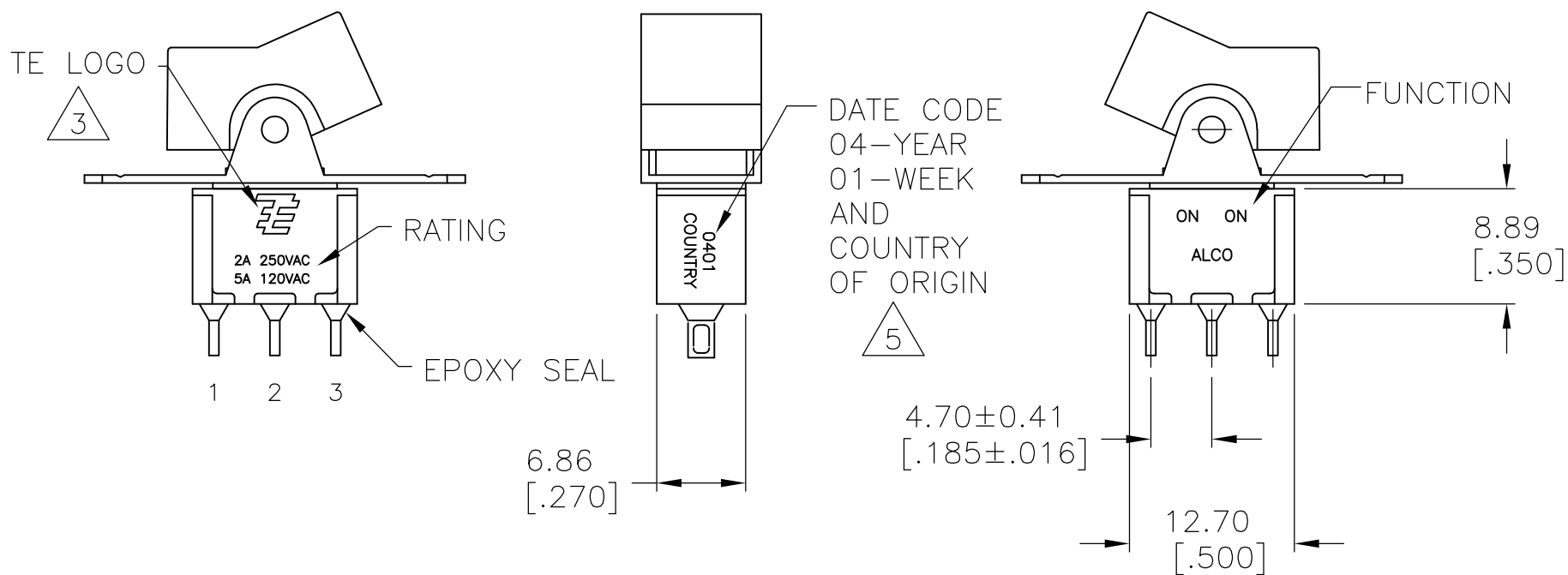


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A8	REVISED PER ECO-12-002356	07FEB12	KH	PO



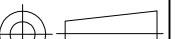
- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 2 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING STAMPED ON SWITCH IS 2A 250VAC, 5A 120VAC.

- (3) TE CONNECTIVITY LOGO PER PER TEC-202-36.
- (5) DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 6 PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.
- (7) ACTUATOR MARKED
- (8) ACTUATOR MARKED
- (9) ACTUATOR MARKED

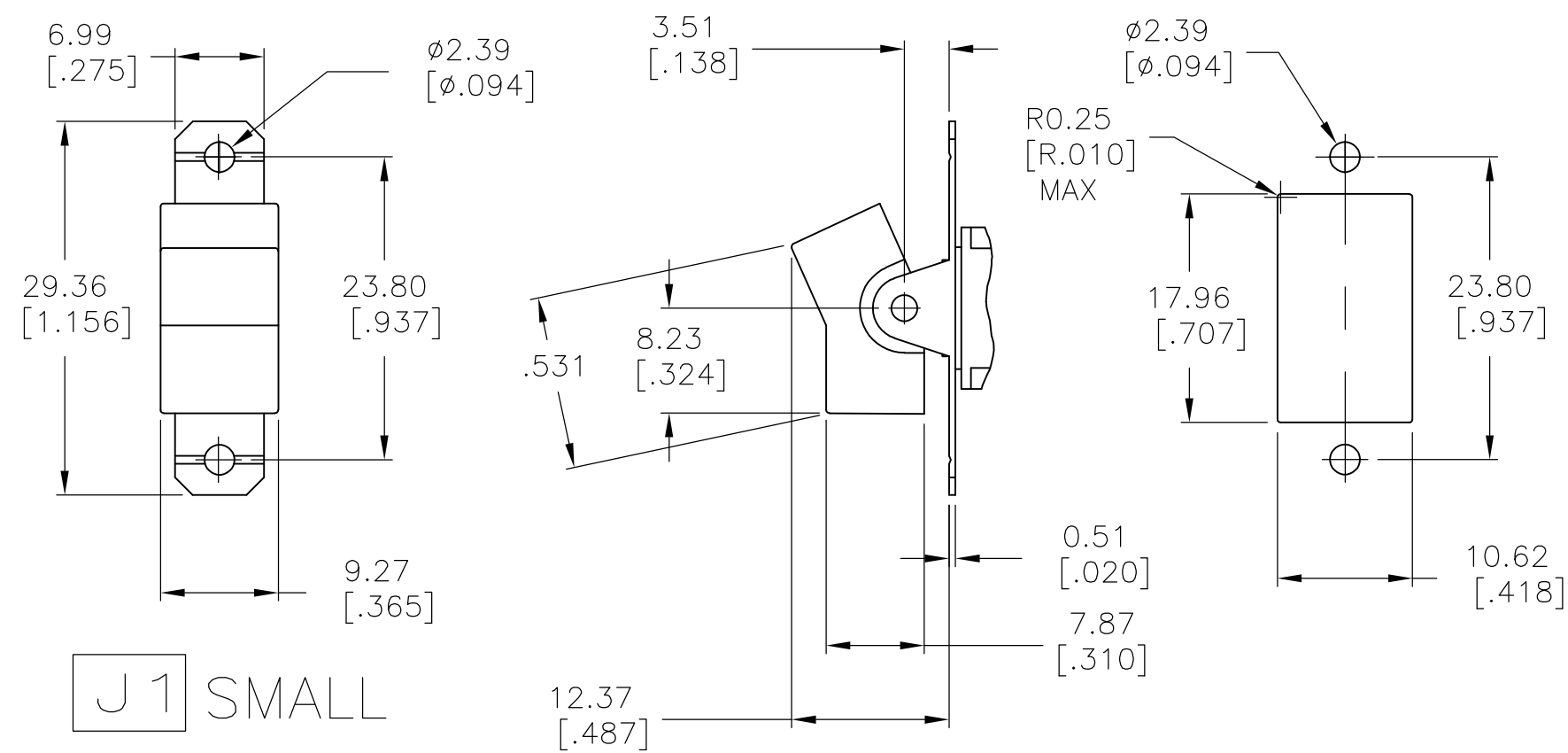
FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3	---	1-2
NONE: NO MECHANICAL POSITION OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION (ON): MOMENTARY ACTION			

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 CHART							
MODEL	FUNCTION	ACTUATOR	TERMINAL	CONTACT	ACTUATOR COLOR	BEZEL COLOR	ROHS
A1							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	
		J2	V6		5 GREEN	5 GREEN	
		J4	V7		6 BLUE	6 BLUE	
		J60	W		8 GRAY	8 GRAY	
		J61	W4		9 WHITE	9 WHITE	
		J62	Z				
			Z3				

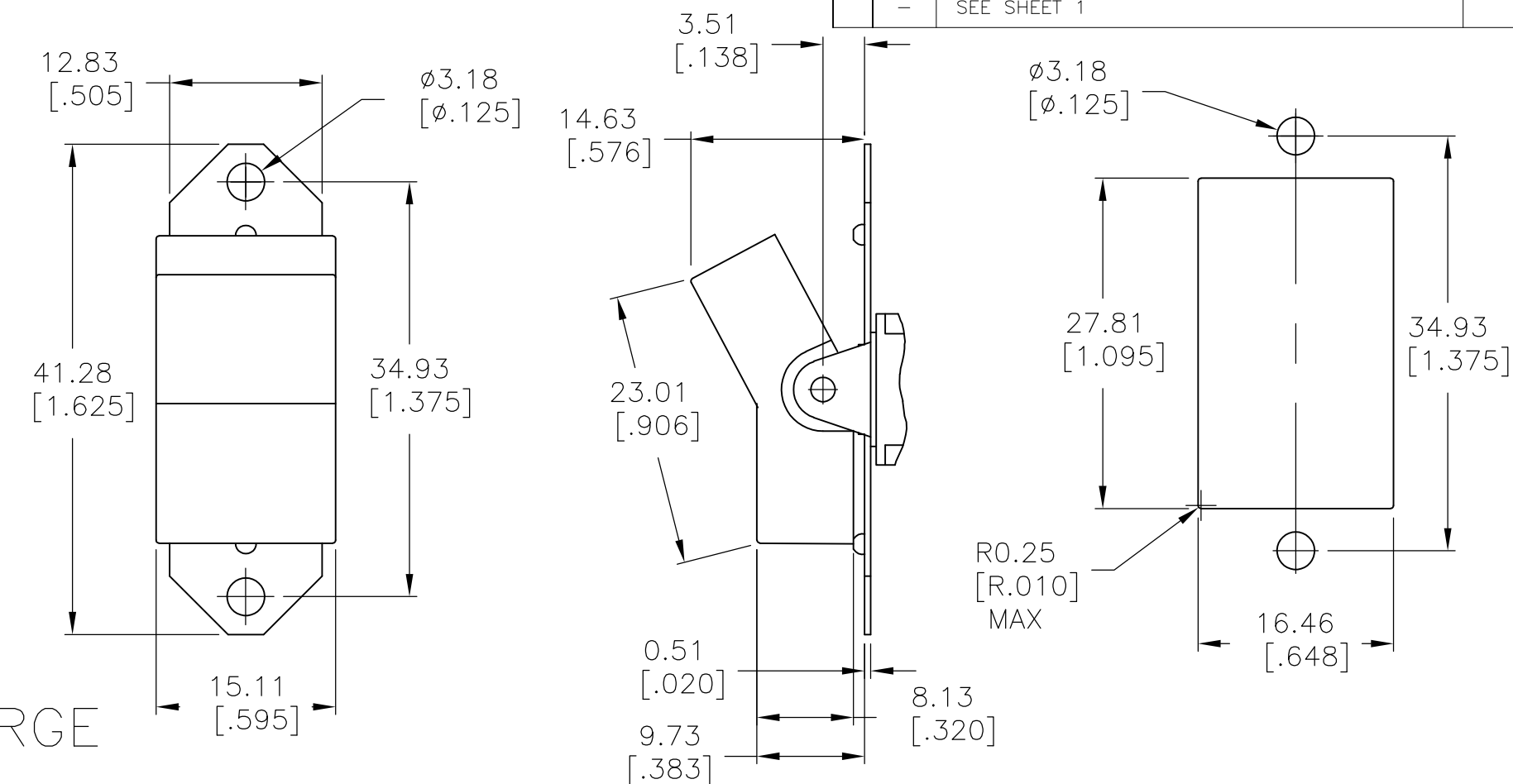
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	06JAN05	 TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK M.ZITTO	06JAN05				
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.25[0.01] 4 PLC ± - ANGLES ± 4°	APVD M.ZITTO	06JAN05	NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE			
		PRODUCT SPEC —					
		APPLICATION SPEC —					
		WEIGHT —					
MATERIAL —	FINISH —	CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779	DRAWING NO C=1571986	RESTRICTED TO —
				SCALE 2:1	SHEET 1 of 5	REV A8	

D

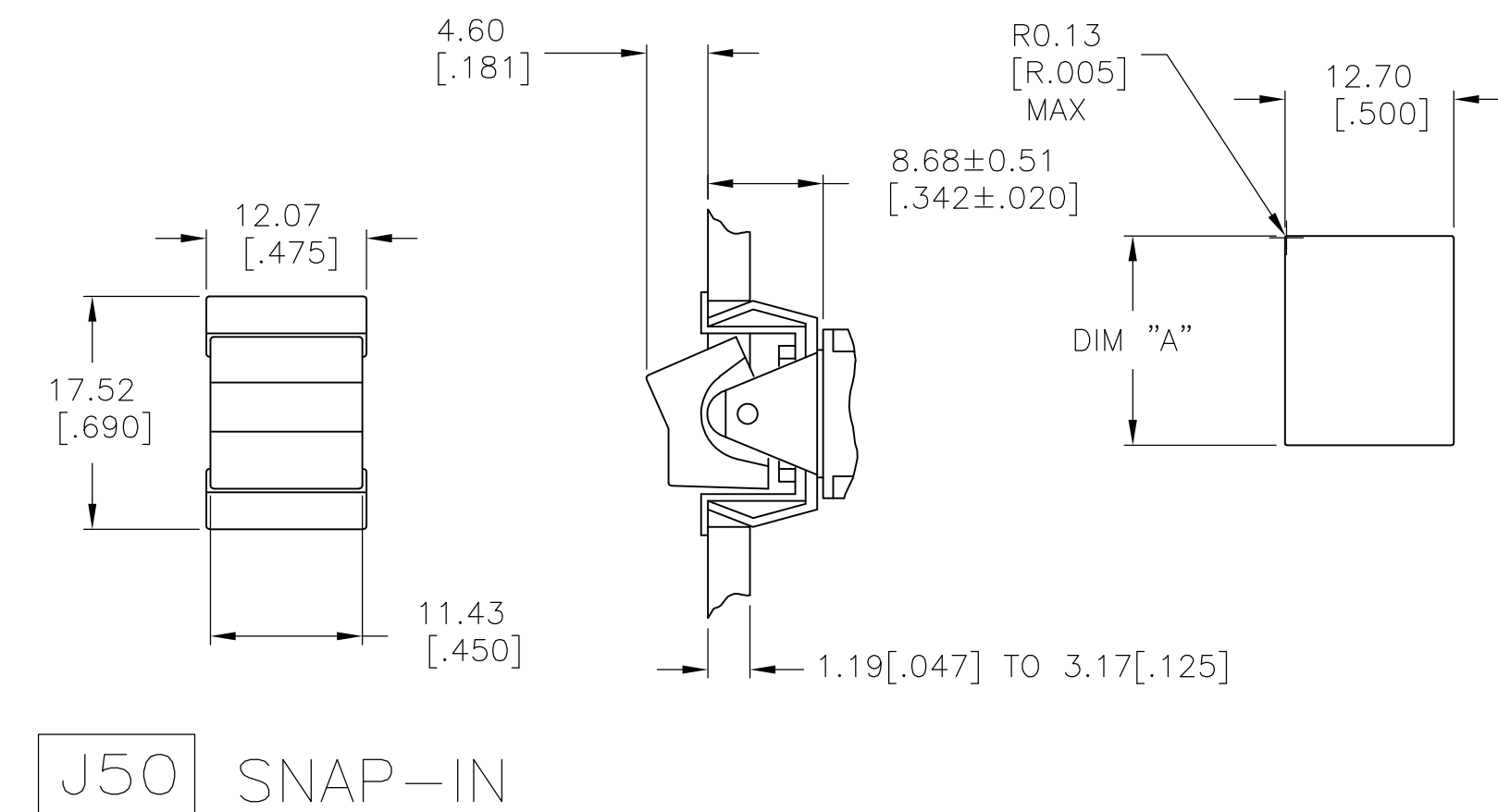


C

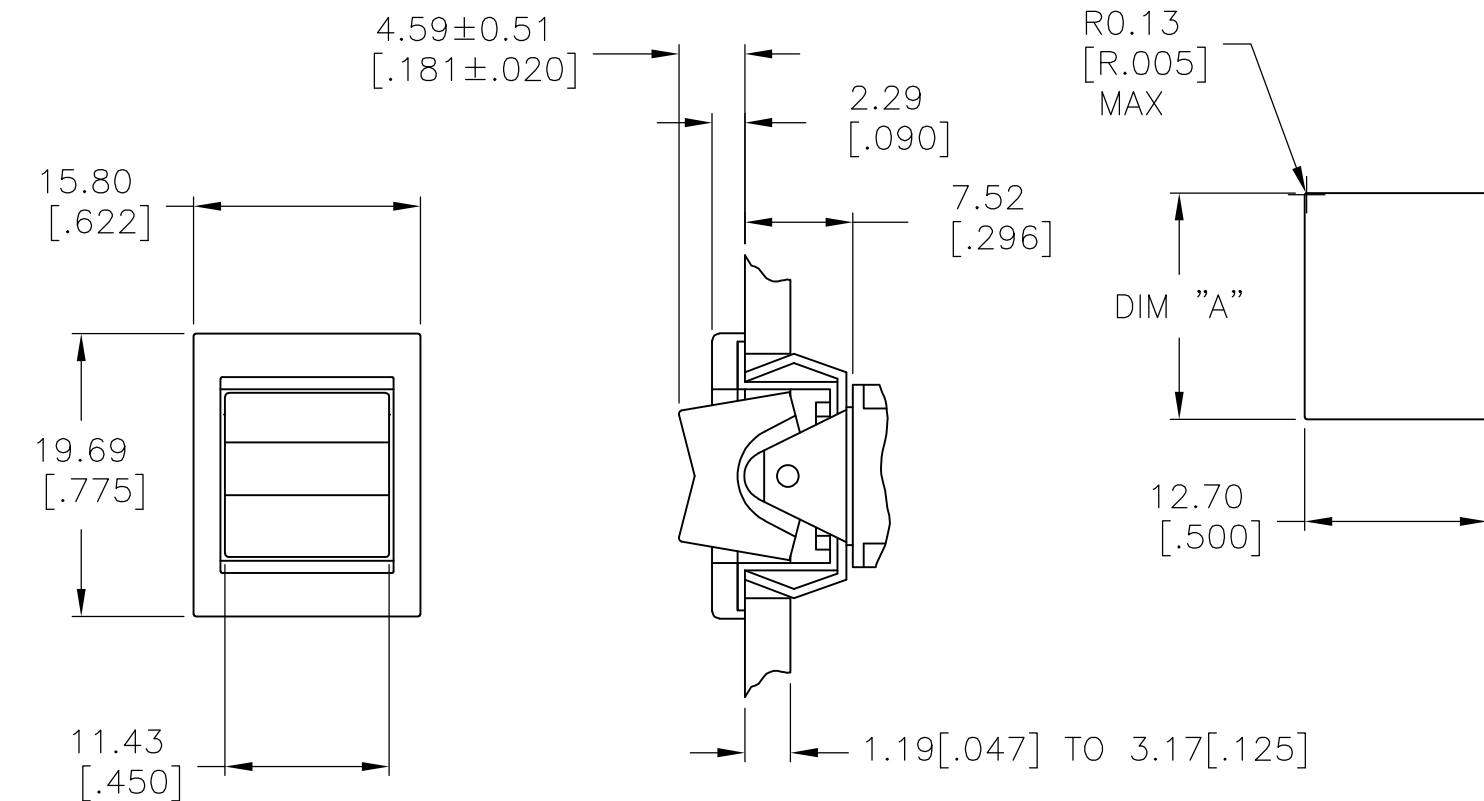
J3 LARGE



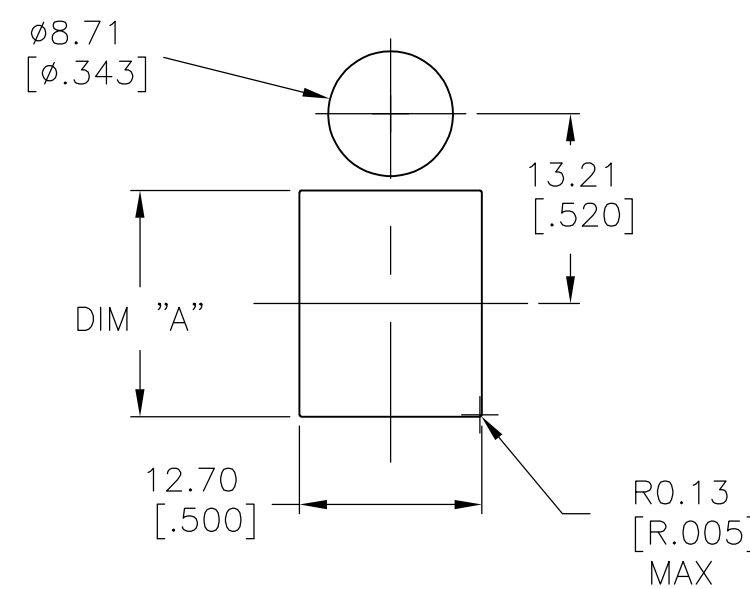
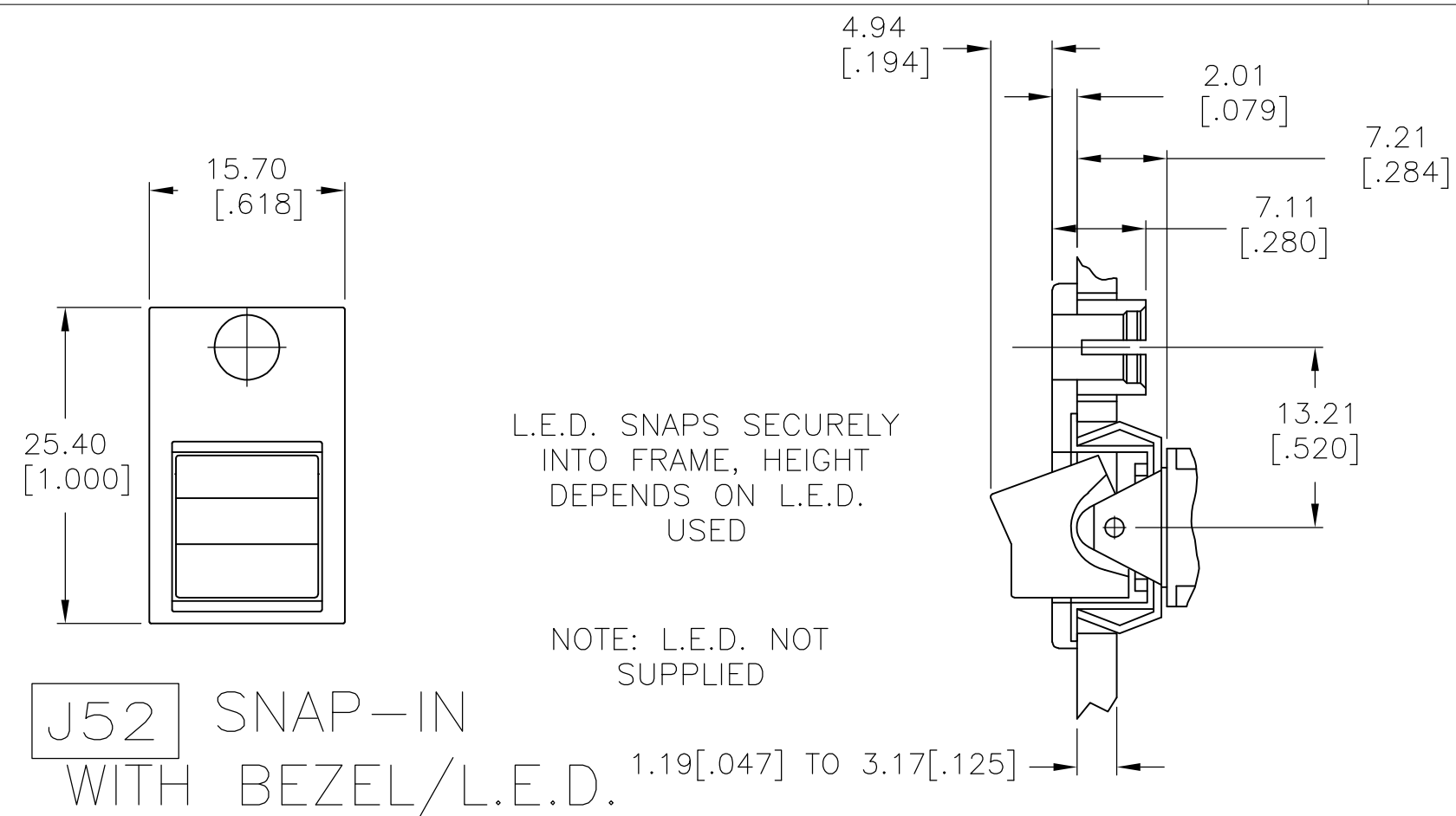
B



J51 SNAP-IN WITH BEZEL



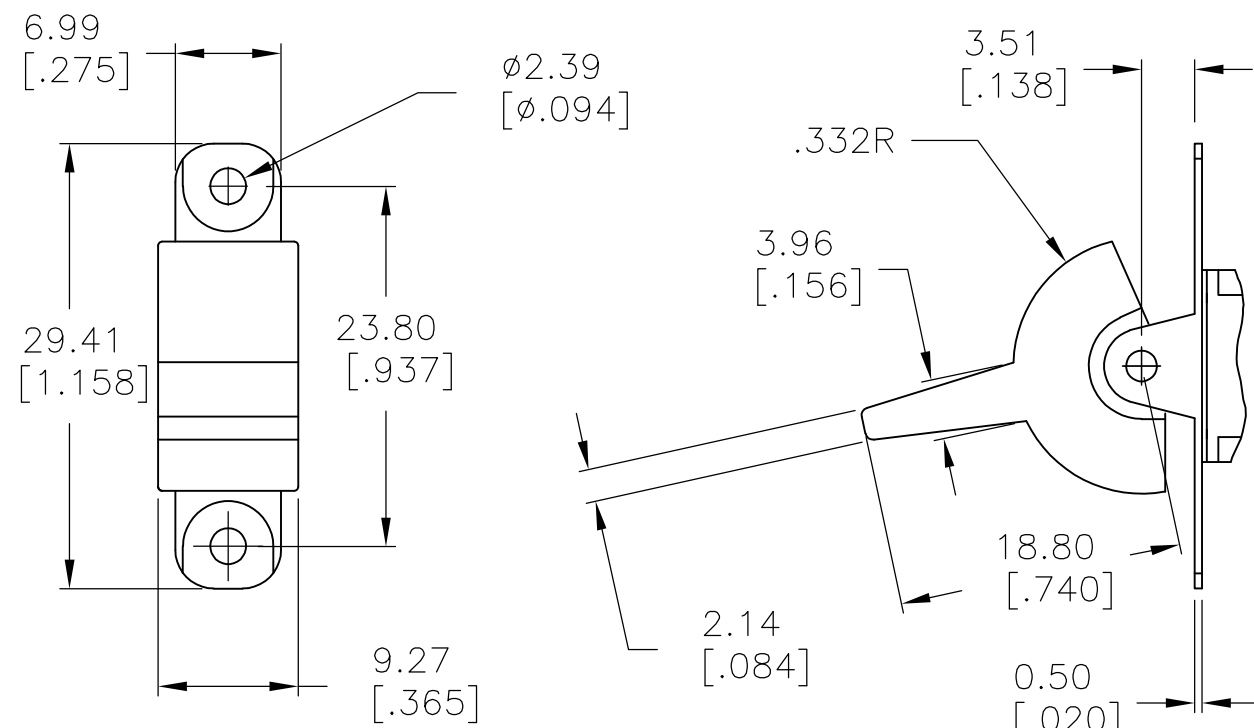
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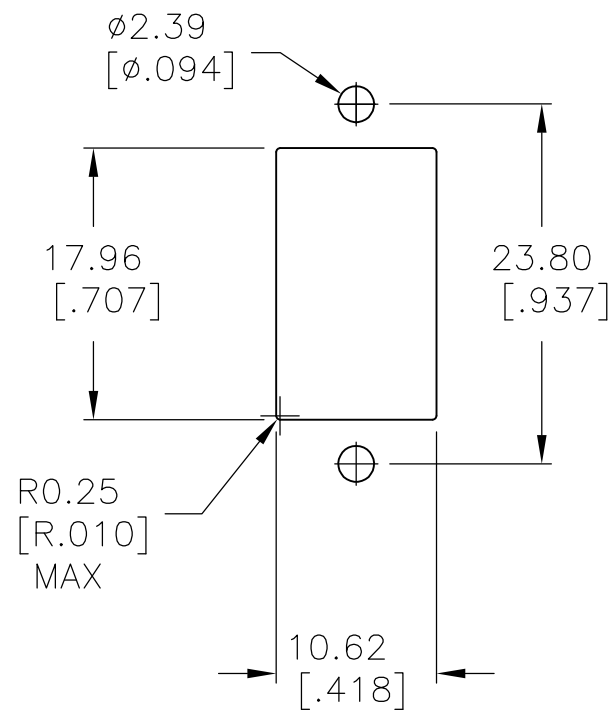
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	06JAN05	TE TE Connectivity			
		CHK M.ZITTO	06JAN05				
		APVD M.ZITTO	06JAN05				
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE			
		PRODUCT SPEC					
		—					
		APPLICATION SPEC					
		—					
MATERIAL		WEIGHT		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
—		—		A2	00779	C-1571986	—
CUSTOMER DRAWING				SCALE	SHEET		REV
				2:1	2 of 5		A8

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

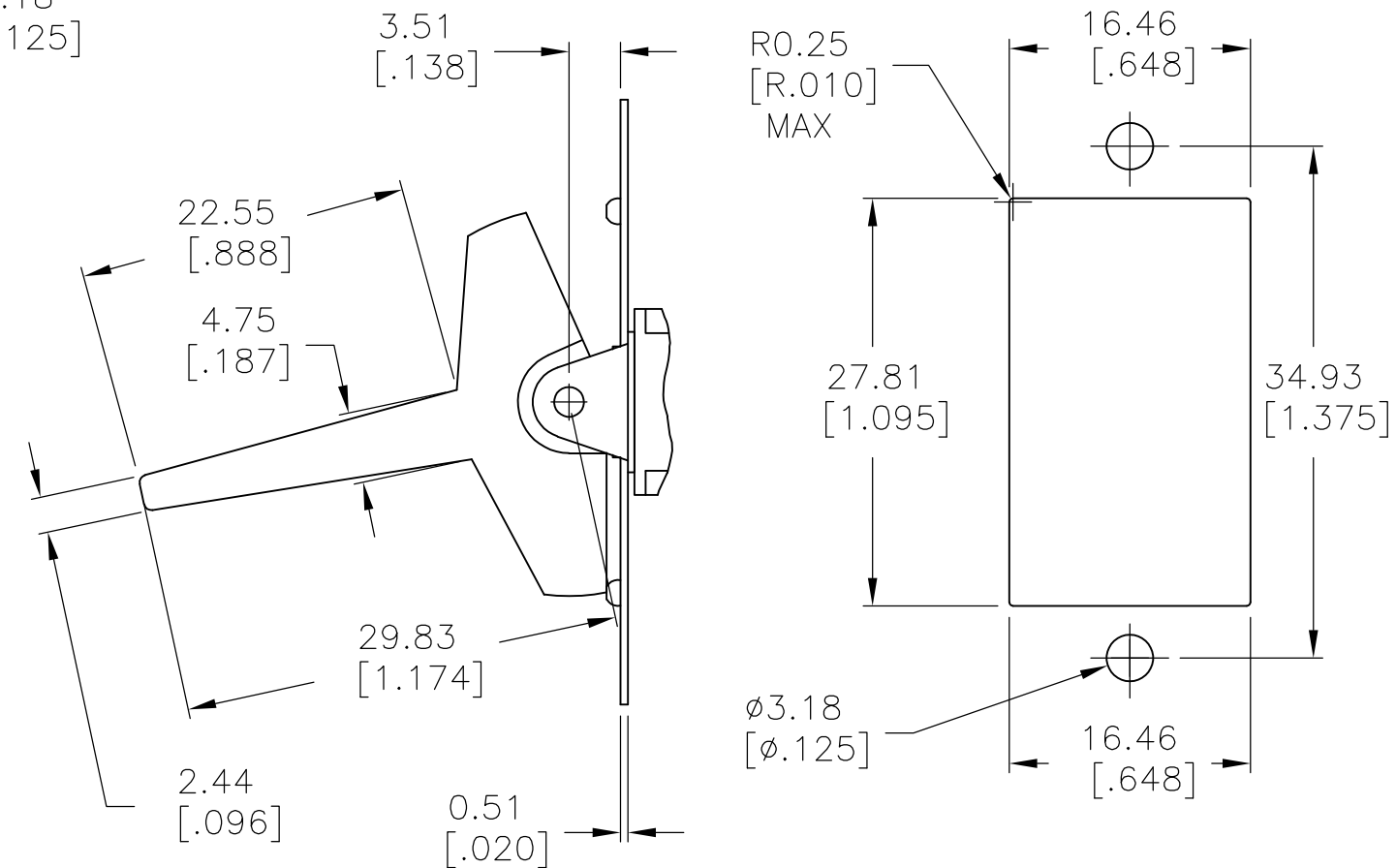
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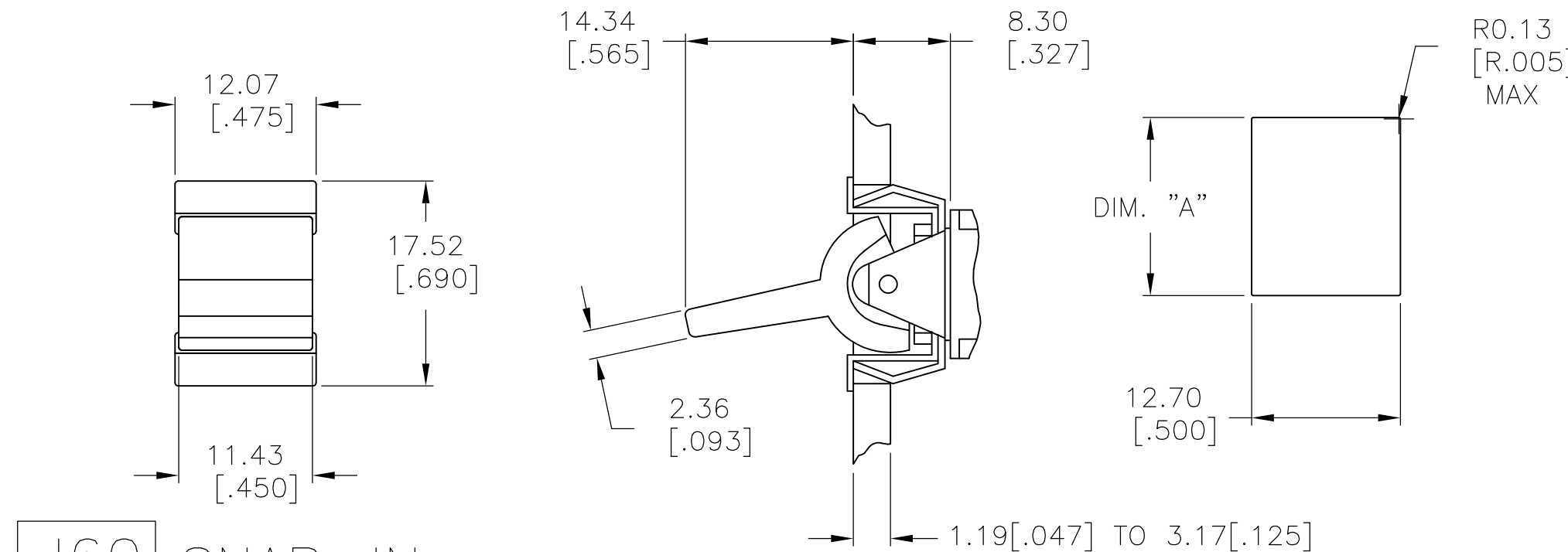
J2 SMALL



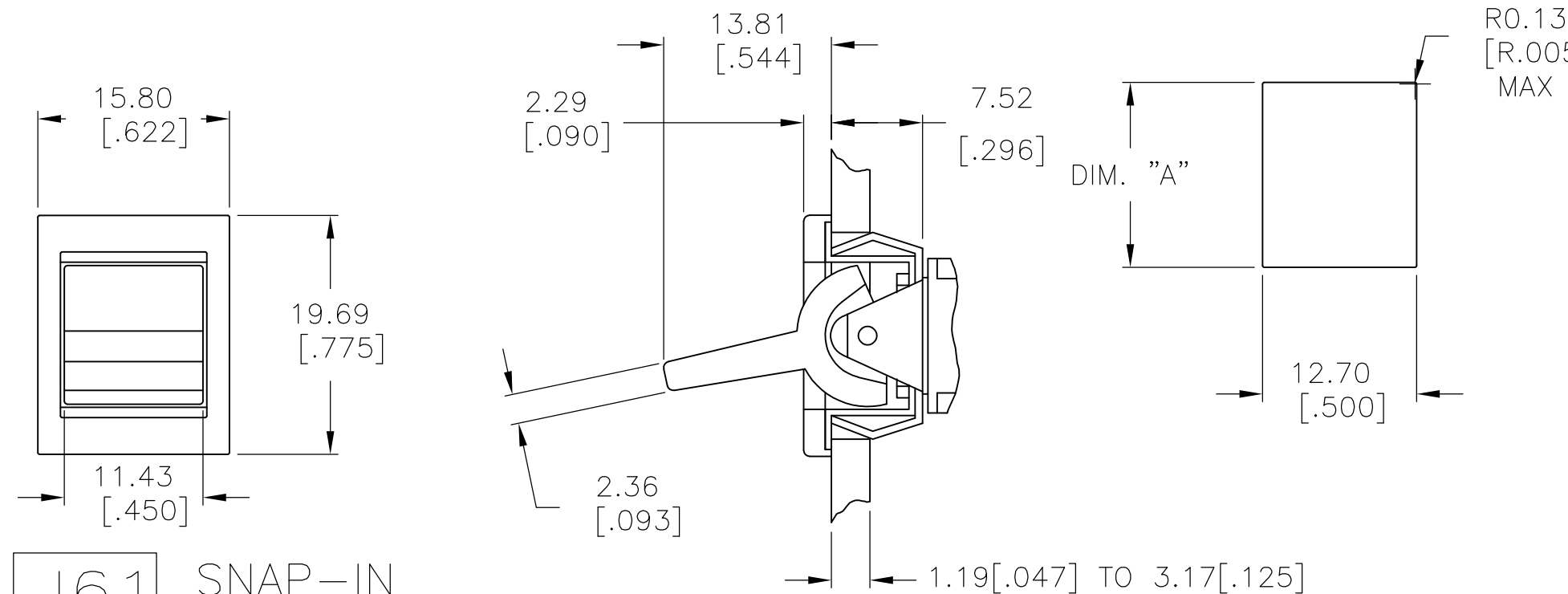
J4 LARGE



C

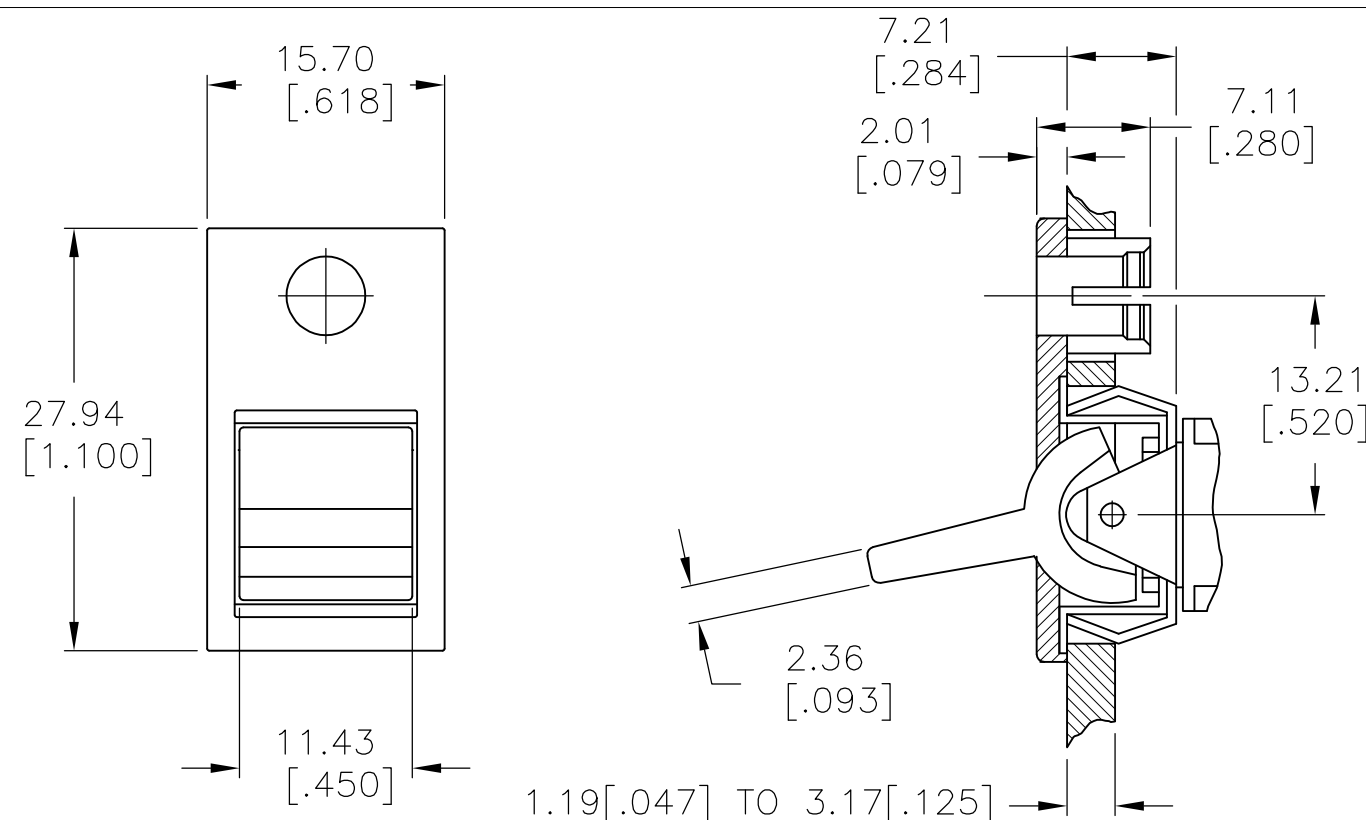


J60 SNAP-IN



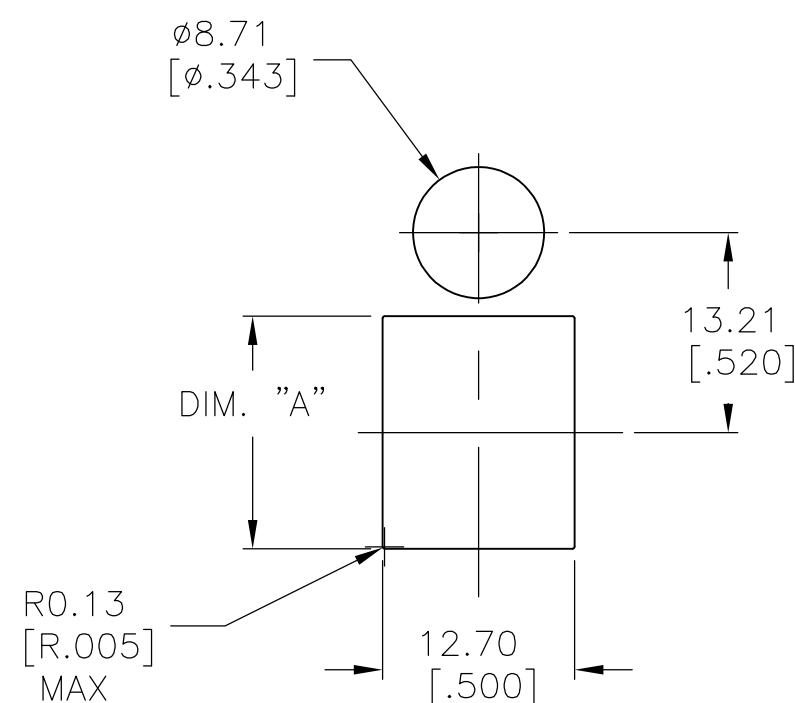
J61 SNAP-IN WITH BEZEL

B



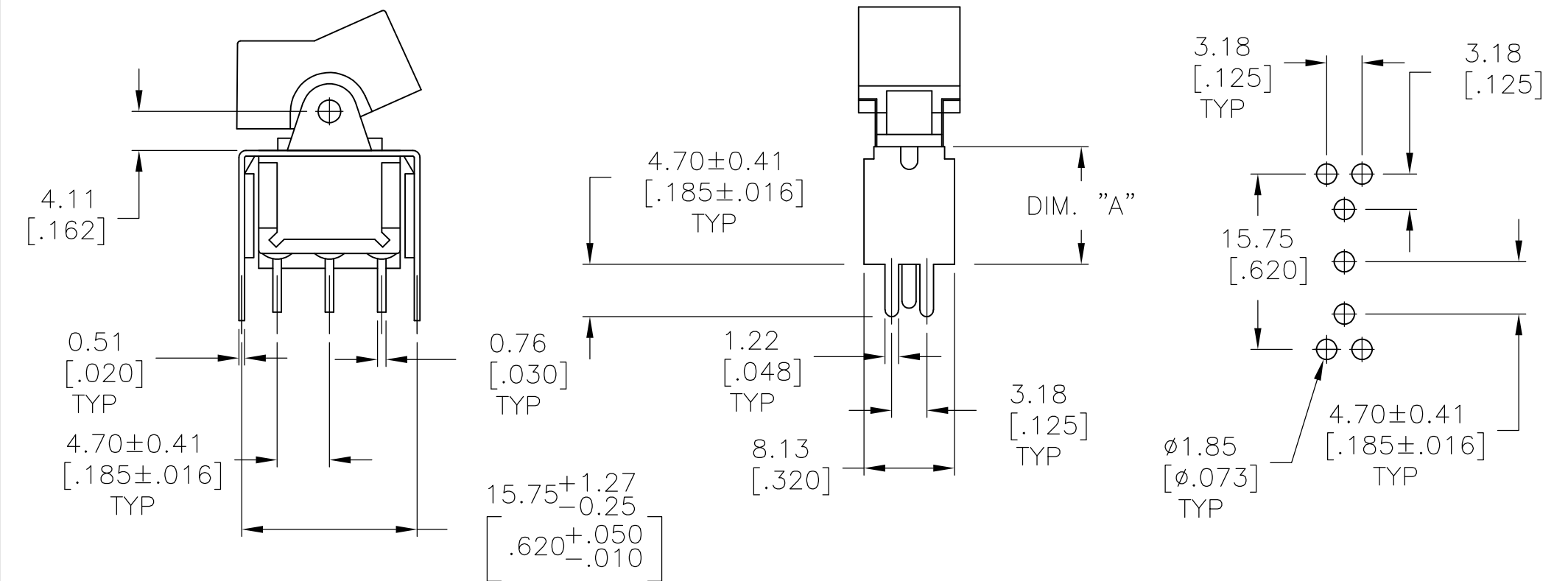
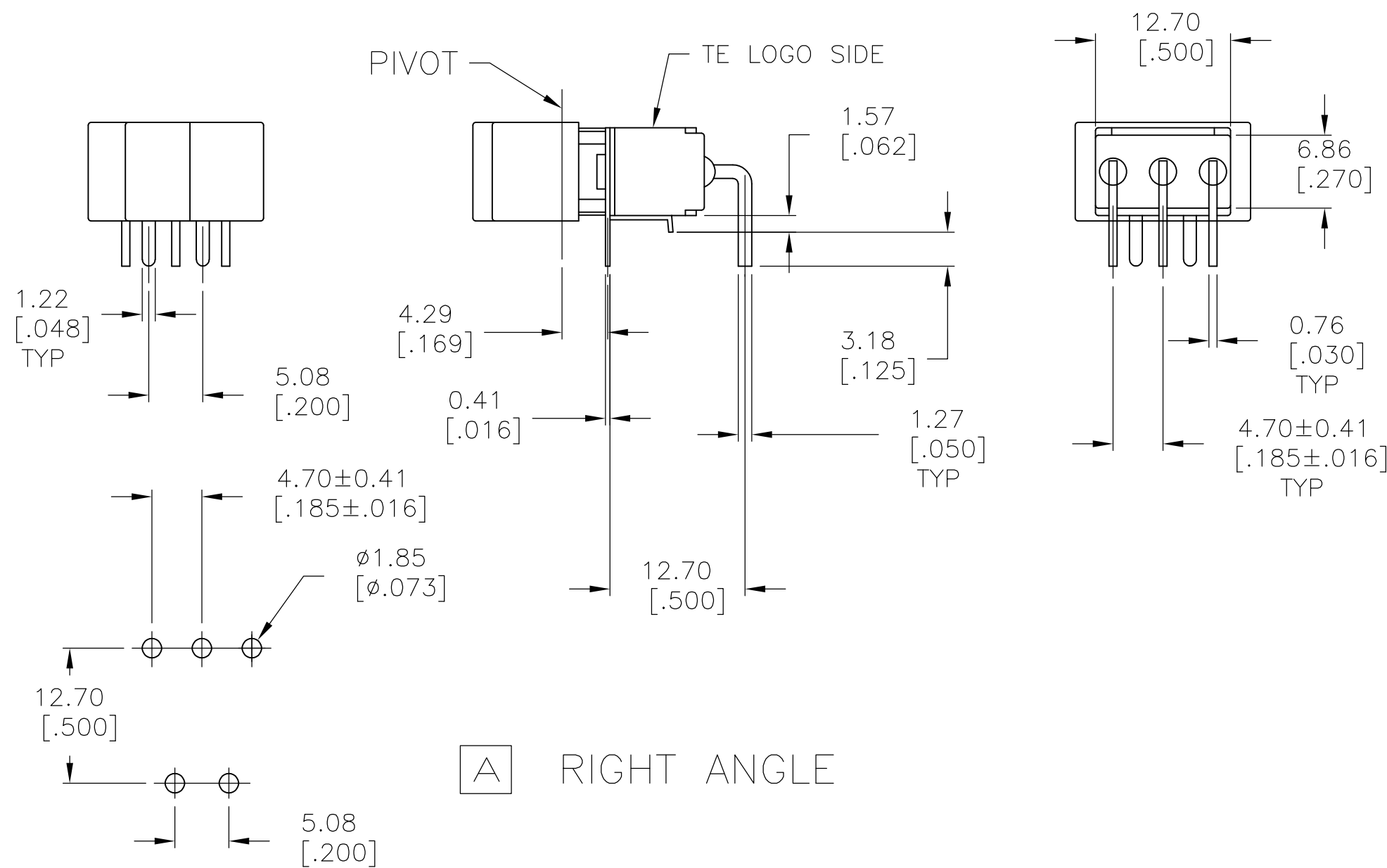
J62 SNAP-IN WITH BEZEL/L.E.D.

NOTE: L.E.D. NOT SUPPLIED



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M.BINNER	06JAN05	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK	M.ZITTO	06JAN05			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.ZITTO	06JAN05	NAME		
0 PLC ± -		PRODUCT SPEC					
1 PLC ± -		APPLICATION SPEC			GEMINI A SERIES ROCKER SWITCH SINGLE POLE		
2 PLC ± -							
3 PLC ± 0.25[0.01]					SIZE		
4 PLC ± -							
ANGLES ± 4°					CAGE CODE		
FINISH							
MATERIAL					DRAWING NO		
					RESTRICTED TO		
					SCALE		
					SHEET		
					REV		
					A8		
					CUSTOMER DRAWING		

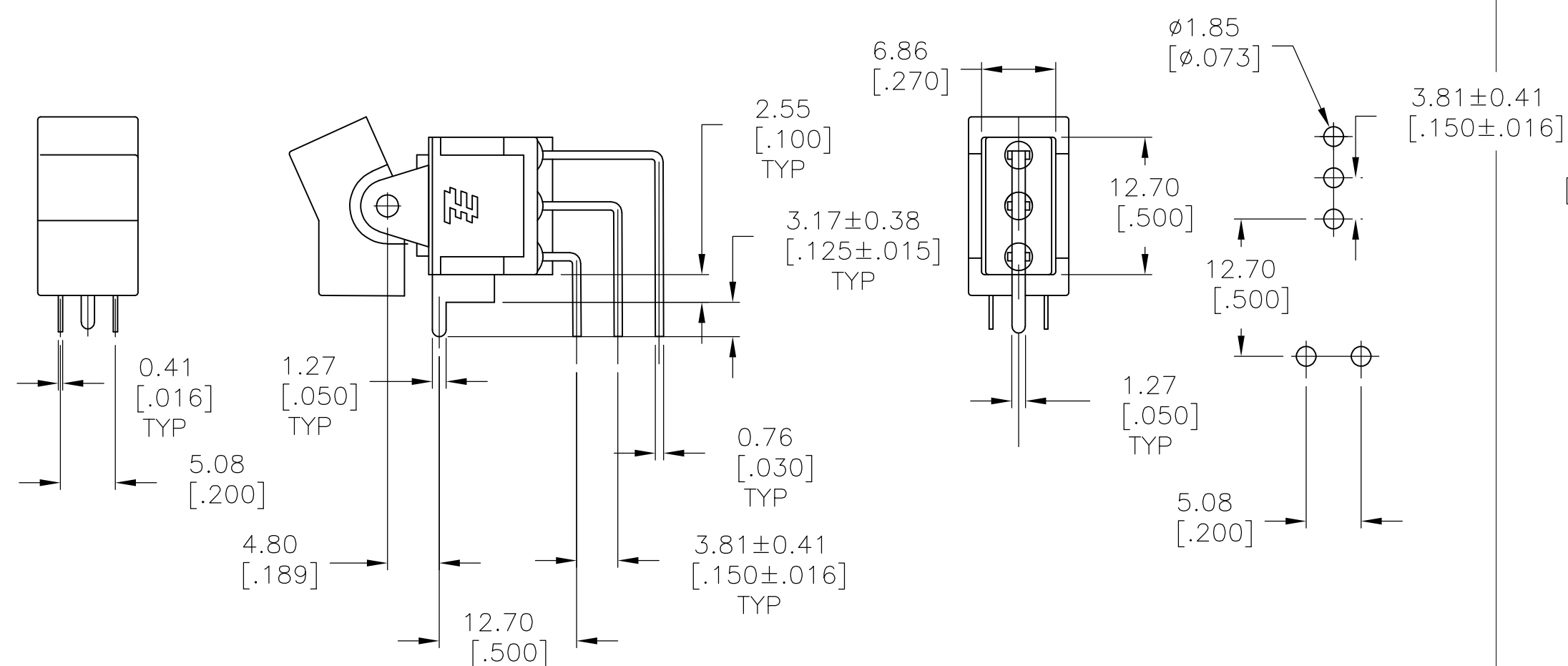
LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—



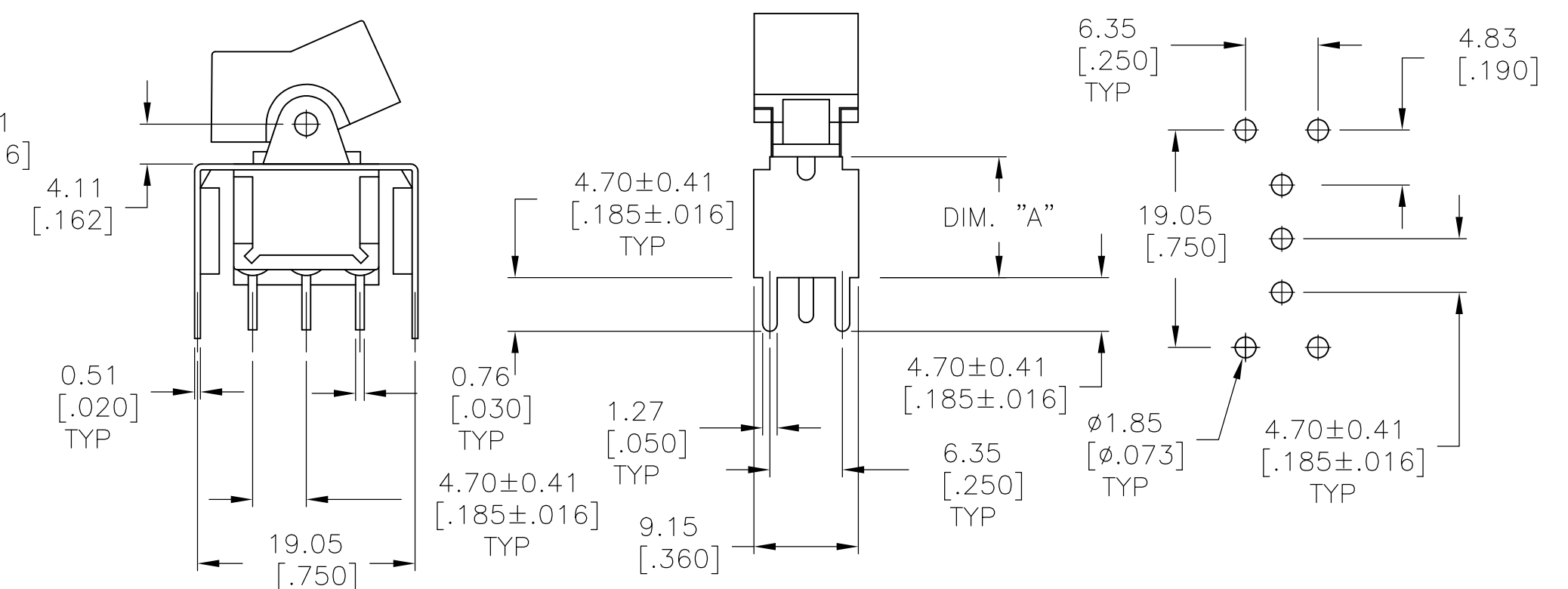
V3	V4
----	----

VERTICAL SUPPORT
BRACKET

OPTION CODE	DIM "A"
V3	11.68[.460]
V4	16.00[.630]



AV2 VERTICAL RIGHT ANGLE

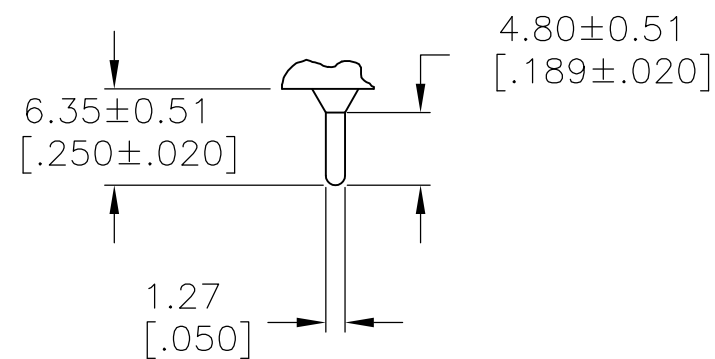


V6	V7
----	----

VERTICAL SUPPORT BRACKET

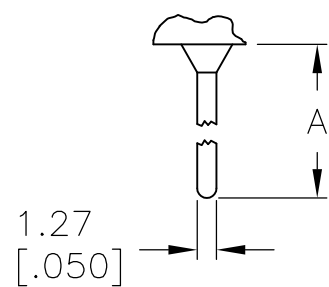
OPTION CODE	DIM "A"
V6	11.68[.460]
V7	16.00[.630]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05 CHK 06JAN05		 TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.25[0.01] 4 PLC ± - ANGLES ± 4°		NAME M.ZITTO 06JAN05 PRODUCT SPEC — APPLICATION SPEC —	
		MATERIAL —		SIZE CAGE CODE DRAWING NO RESTRICTED TO A2 00779 C-1571986 —	
FINISH —		WEIGHT —		CUSTOMER DRAWING SCALE 2:1 SHEET 4 OF 5 REV A8	



.030 THK.

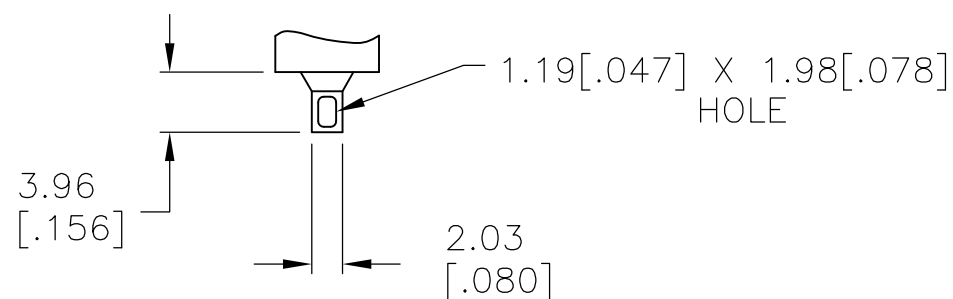
C PRINTED CIRCUIT



.030 THK.

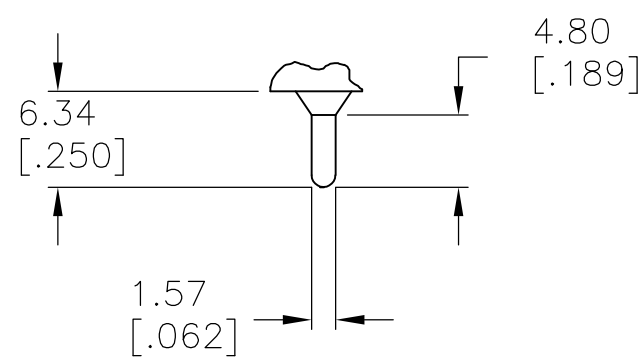
OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

W	W4	WIRE	WRAP
---	----	------	------



.030 THK.

Z WIRE LUG



.030 THK.

Z3 QUICK CONNECT

MATERIALS CHART

COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, 30-40% GF, RED, UL94 V-0, COSMIC D72/6120F	
FRAME	304 STAINLESS STEEL	
B TERMINALS & CONTACTS	C194 COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	C194 COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	C194 COPPER	SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
ROCKER CAP	NYLON, BLACK, UL94 V-1, NYTEX MG-2012N	
BUSHING & ACTUATOR LEVER	ZINC ALLOY K2	.000100-.000150 NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	C2680H BRASS	TIN
PIVOT PIN	STEEL	NICKEL
TERMINAL SEAL	EPOXY, UL94 V-1, BOOM HOUSE S-9001A	

A105J1AV2Q004	5-1571986-0
A105J1AQ004	4-1571986-9
NOT ASSIGNED	4-1571986-8
NOT ASSIGNED	4-1571986-7
A103J61ZQ0004	4-1571986-6
A103J51ZQ0004	4-1571986-5
A103J3ZQ004	4-1571986-4
A103J2ZQ004	4-1571986-3
A103J2CB004	4-1571986-2
A103J1ZQ004	4-1571986-1
A103J1V3Q004	4-1571986-0
A103J1AV2Q004	3-1571986-9
A103J1AV2B004	3-1571986-8
NOT ASSIGNED	3-1571986-7
A101J61ZQ0004	3-1571986-6
A101J51ZQ2004	3-1571986-5
A101J51ZQ0004	3-1571986-4
A101J51ZB0004	3-1571986-3
NOT ASSIGNED	3-1571986-2
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A101J51Z3G0004	3-1571986-0
A101J51CB0004	2-1571986-9
A101J50ZQ004	2-1571986-8
A101J50V3Q204	2-1571986-7
A101J50V3Q004	2-1571986-6
A101J50AV2Q004	2-1571986-5
A101J4ZQ804	2-1571986-4
A101J4ZQ004	2-1571986-3
A101J3ZQ004	2-1571986-2
A101J3V3Q204	2-1571986-1
A101J2ZQ004	2-1571986-0
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A101J1ZQ004	1-1571986-7
A101J1ZB004	1-1571986-6
A101J1V3Q004	1-1571986-5
A101J1V3B004	1-1571986-4
A101J1CQ004	1-1571986-3
A101J1CG004	1-1571986-2
A101J1AV2Q004	1-1571986-1
A101J1AV2B004	1-1571986-0
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A101J1AQ004	1571986-8
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NOT ASSIGNED	1571986-5
NOT ASSIGNED	1571986-4
NOT ASSIGNED	1571986-3
NOT ASSIGNED	1571986-2
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ALCO P/N	P/N

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	A108J51ZQ0004	6-1571986-9
	A108J1ZQ004	6-1571986-8
	A108J1V3Q004	6-1571986-7
	A107J61ZQ0004	6-1571986-6
	A107J51ZQ0004	6-1571986-5
	A105J61ZQ0004	6-1571986-4
	A105J61ZG0004	6-1571986-3
	A105J52ZQ2004	6-1571986-2
	A105J51ZQ0004	6-1571986-1
	A105J4ZQ004	6-1571986-0
	A105J3ZQ004	5-1571986-9
	A105J3CQ2004	5-1571986-8
	A105J3CQ004	5-1571986-7
	A105J2ZQ004	5-1571986-6
	A105J2AV2Q004	5-1571986-5
	A105J2AQ004	5-1571986-4
	A105J1ZQ004	5-1571986-3
	A105J1V3B004	5-1571986-2
	A105J1CQ004	5-1571986-1
	ALCO P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN <u>M.BINNER</u> 06JAN05		TE Connectivity							
		CHK <u>M.ZITTO</u> 06JAN05									
		APVD <u>M.ZITTO</u> 06JAN05									
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE							
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.25[0.01] 4 PLC ± - ANGLES ± 4°									
MATERIAL		FINISH									
-		-									
		WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
		-		A2		00779		C-1571986		-	
CUSTOMER DRAWING								SCALE		SHEET	
								2:1		5 of 5	
										REV A8	