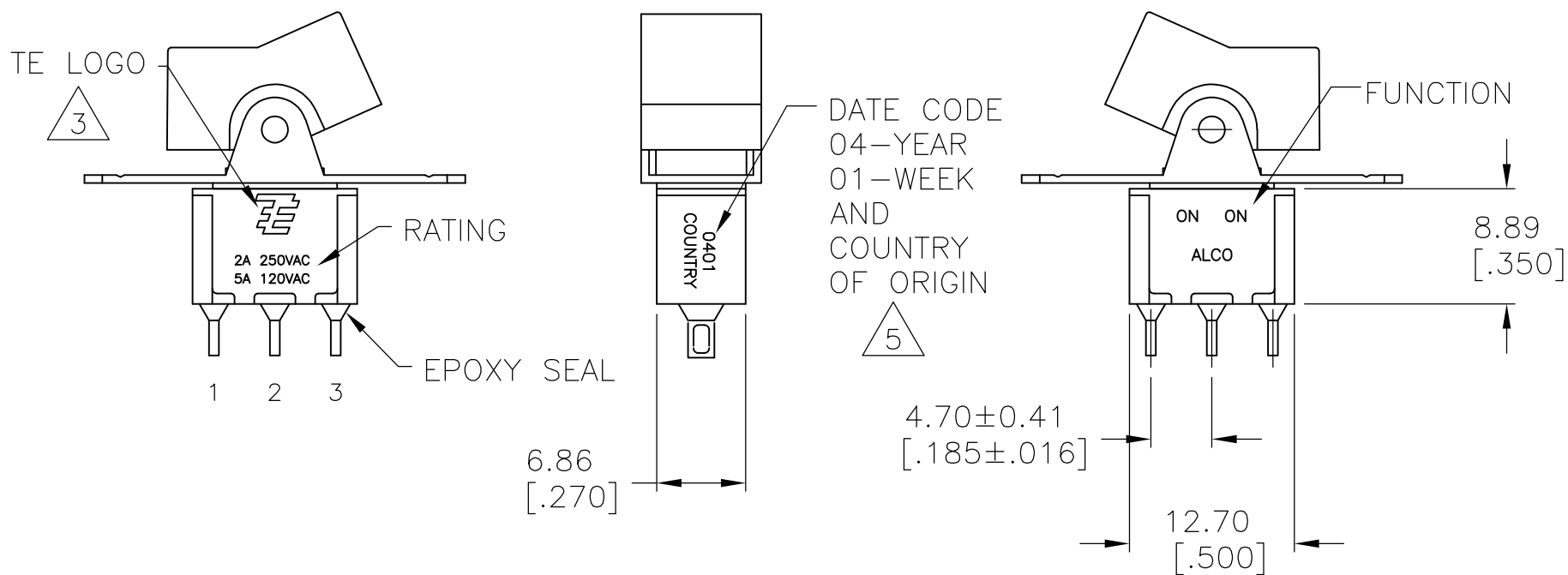


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A8	REVISED PER ECO-12-002356	07FEB12	KH	PO



- 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

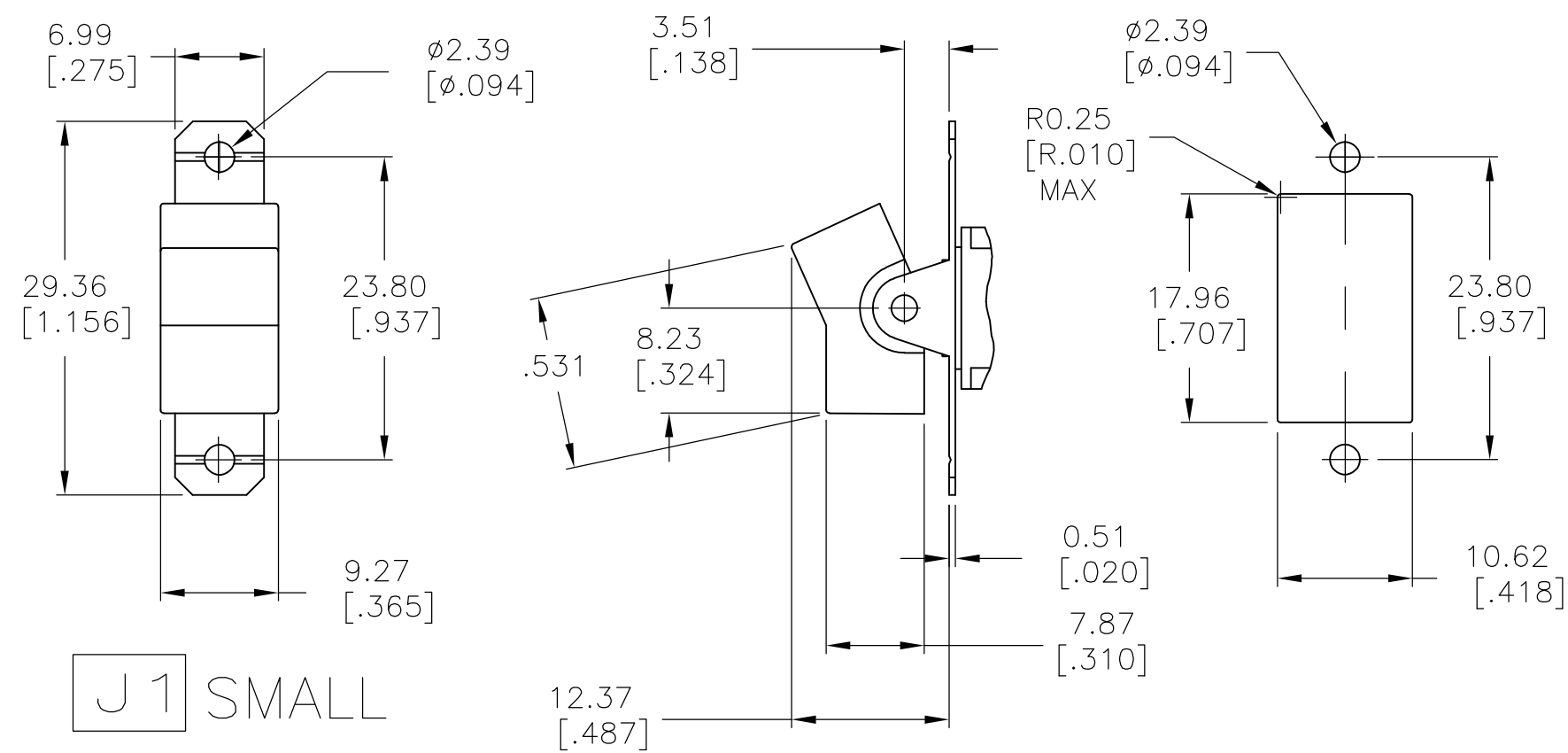
FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3	---	1-2
NONE: NO MECHANICAL POSITION OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION (ON): MOMENTARY ACTION			

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				

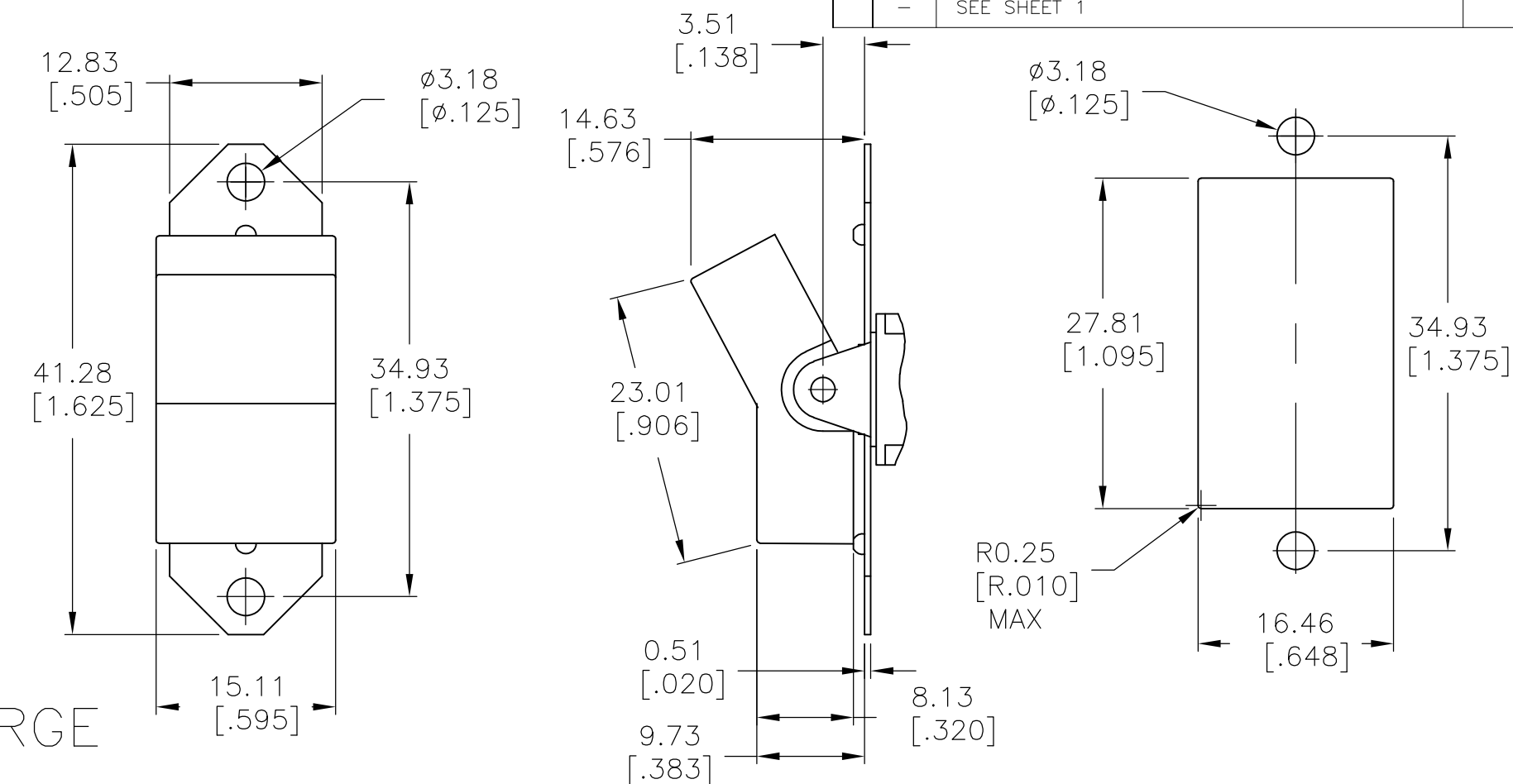
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M.BINNER	06JAN05	 TE Connectivity						
		CHK	M.ZITTO	06JAN05							
DIMENSIONS: mm [INCHES]		APVD	M.ZITTO	06JAN05	NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC								
			—								
			APPLICATION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

D

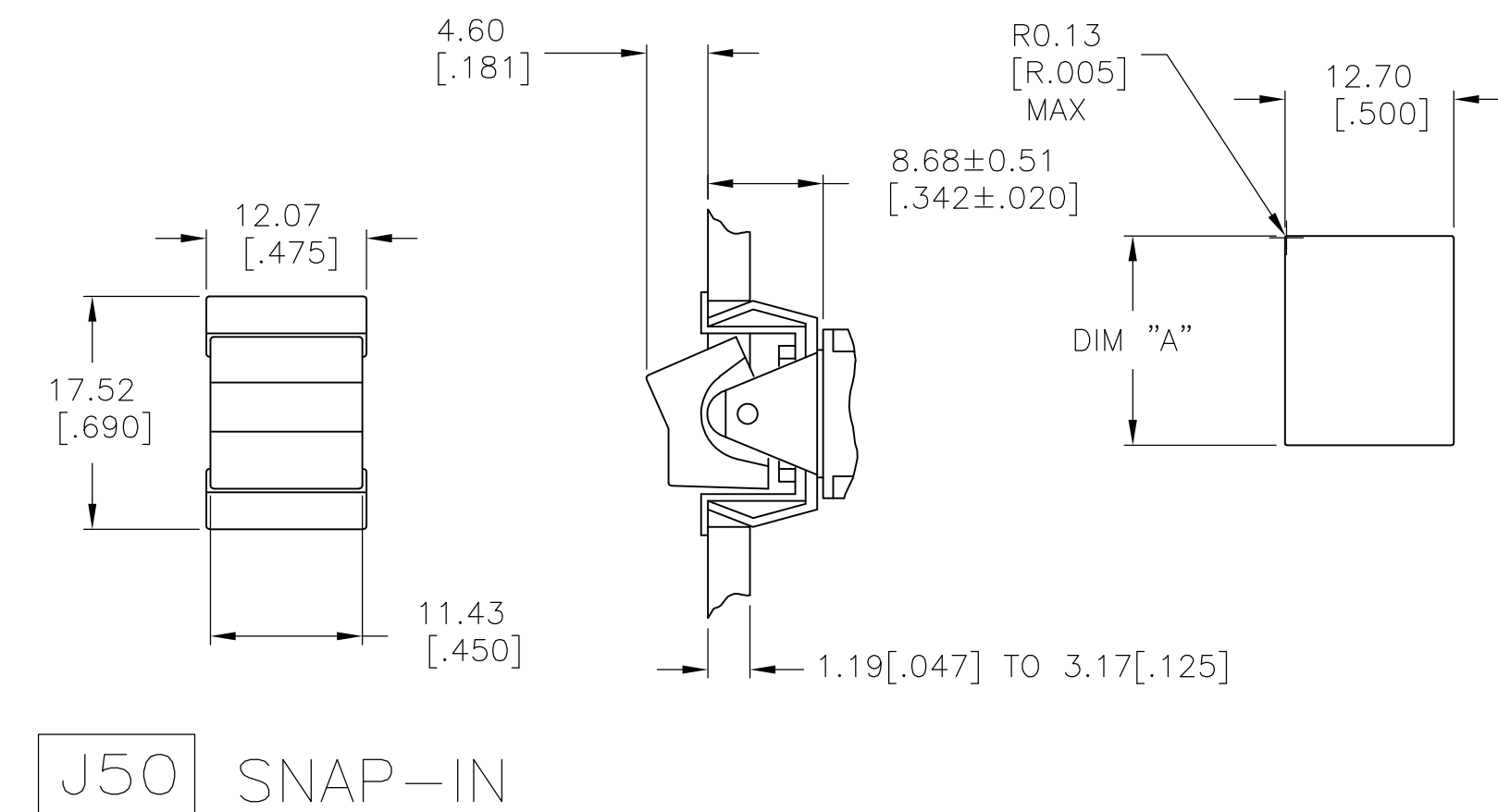


C

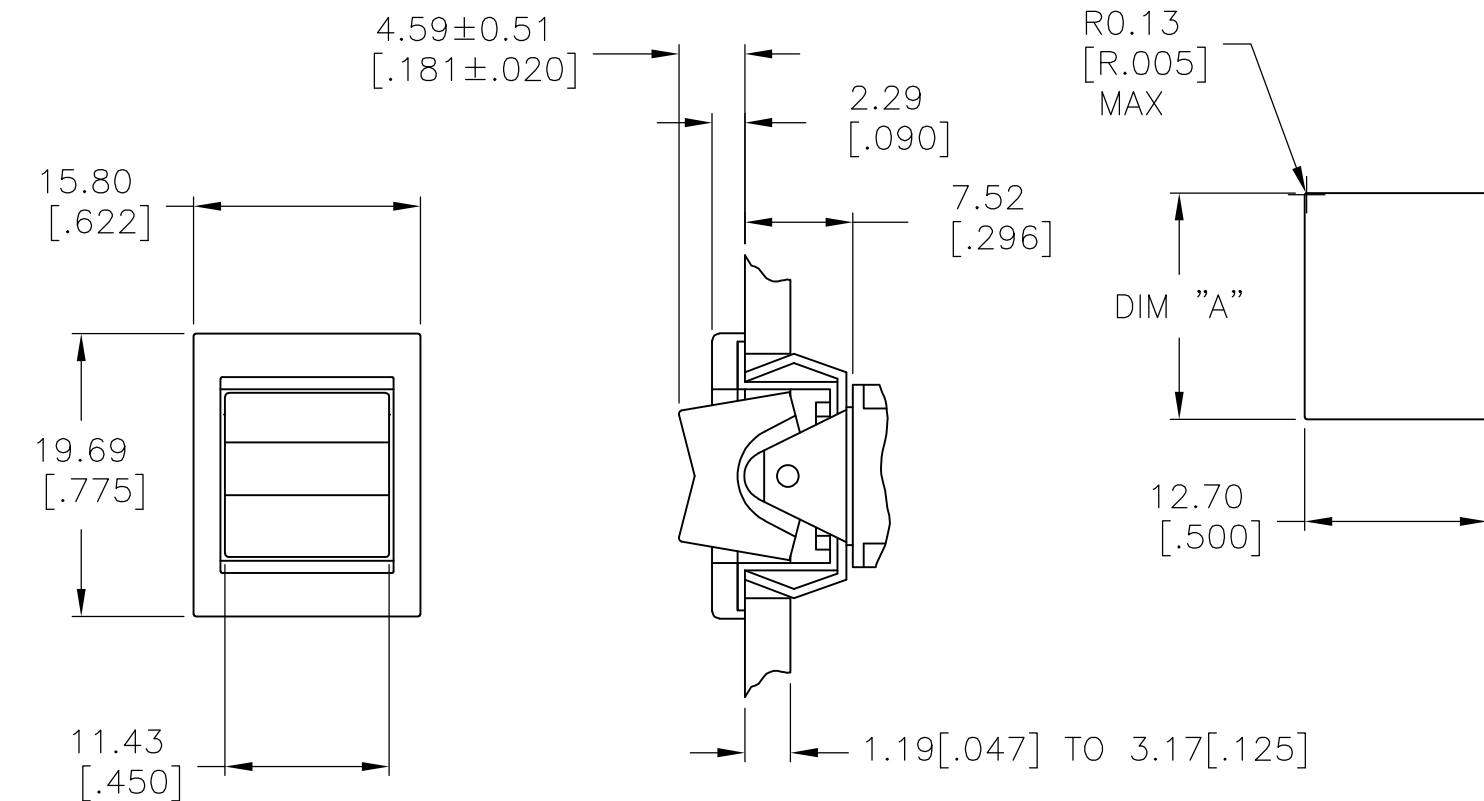
J3 LARGE



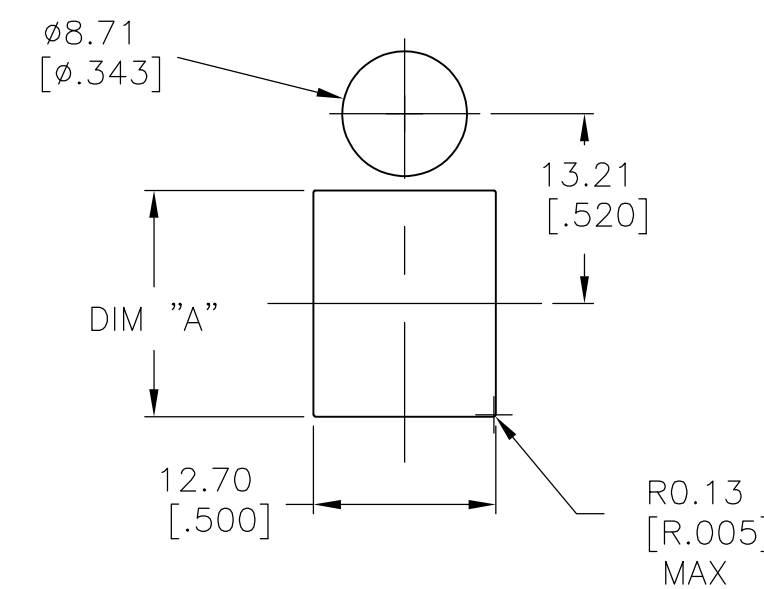
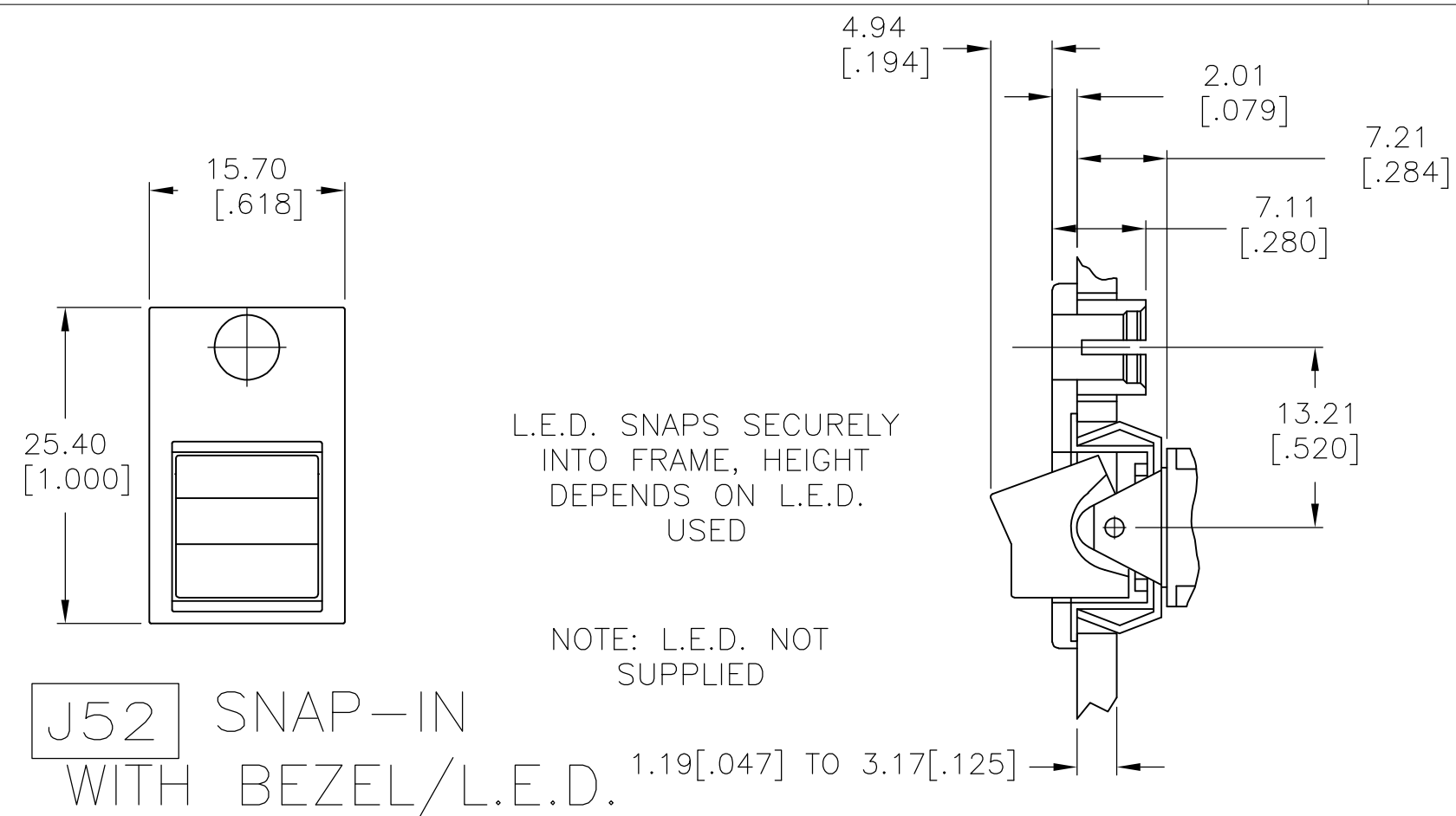
B



J51 SNAP-IN WITH BEZEL



A



L.E.D. SNAPS SECURELY INTO FRAME, HEIGHT DEPENDS ON L.E.D. USED

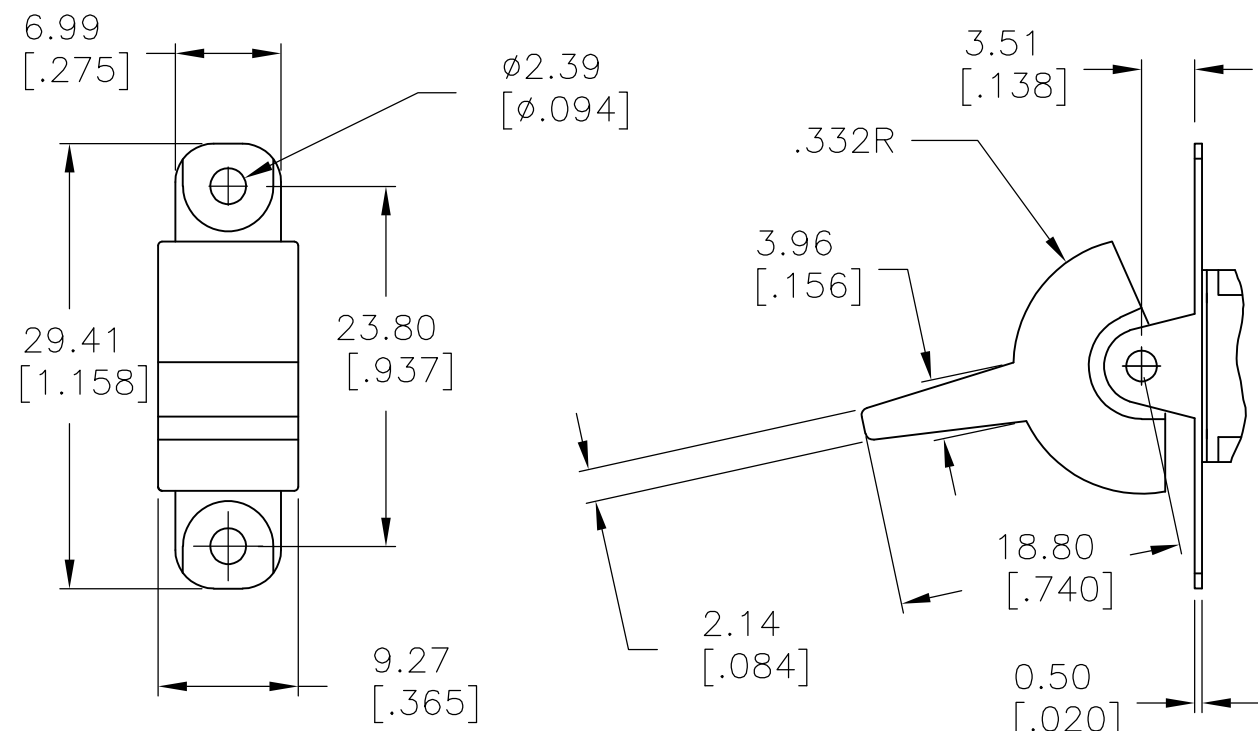
NOTE: L.E.D. NOT SUPPLIED

1.19[.047] TO 3.17[.125]

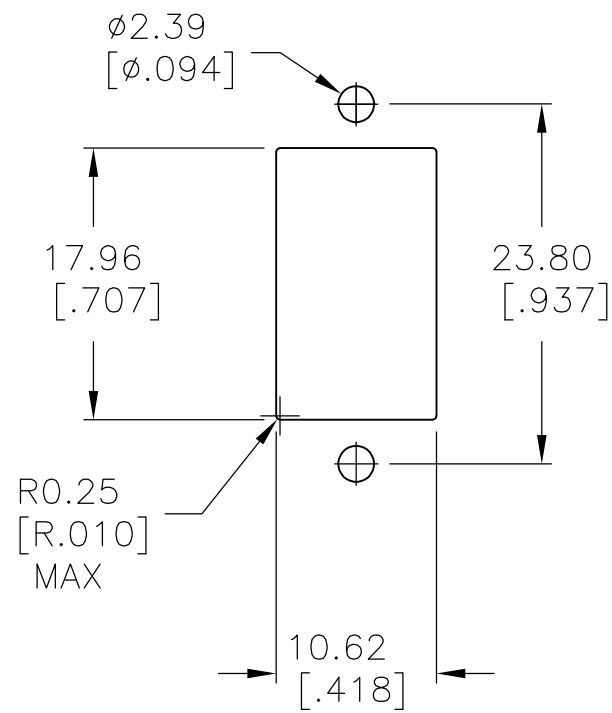
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	TE Connectivity GEMINI A SERIES ROCKER SWITCH SINGLE POLE	
DIMENSIONS: mm [INCHES]		CHK M.ZITTO 06JAN05		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.ZITTO 06JAN05		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.25[0.01] 4 PLC ± - ANGLES ± 4°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

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

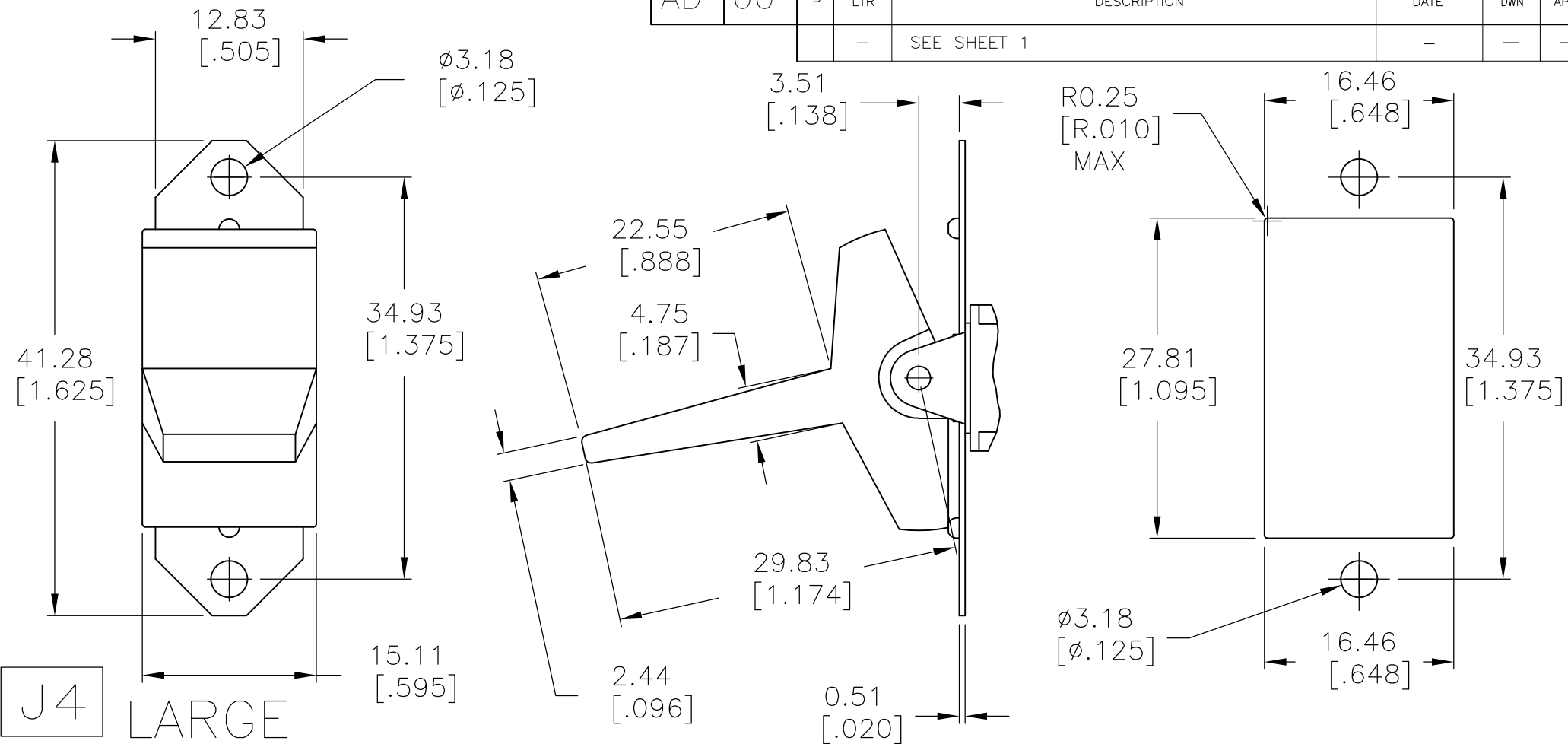
D



J2 SMALL



J4 LARGE

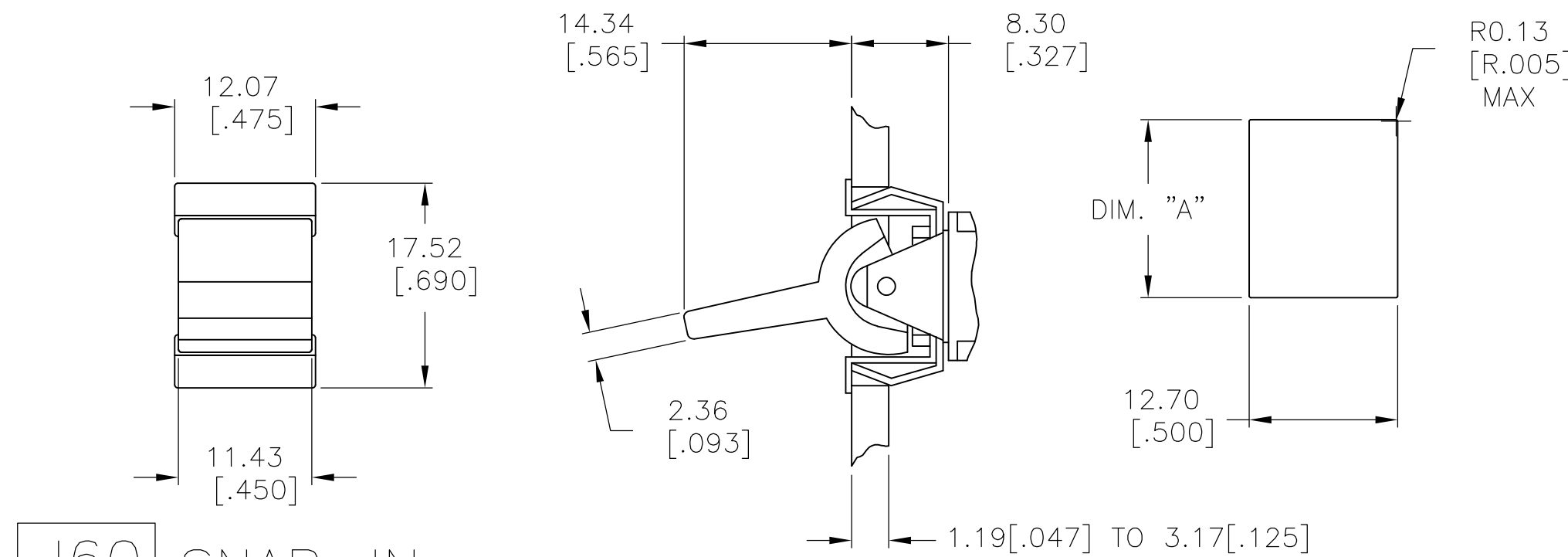


C

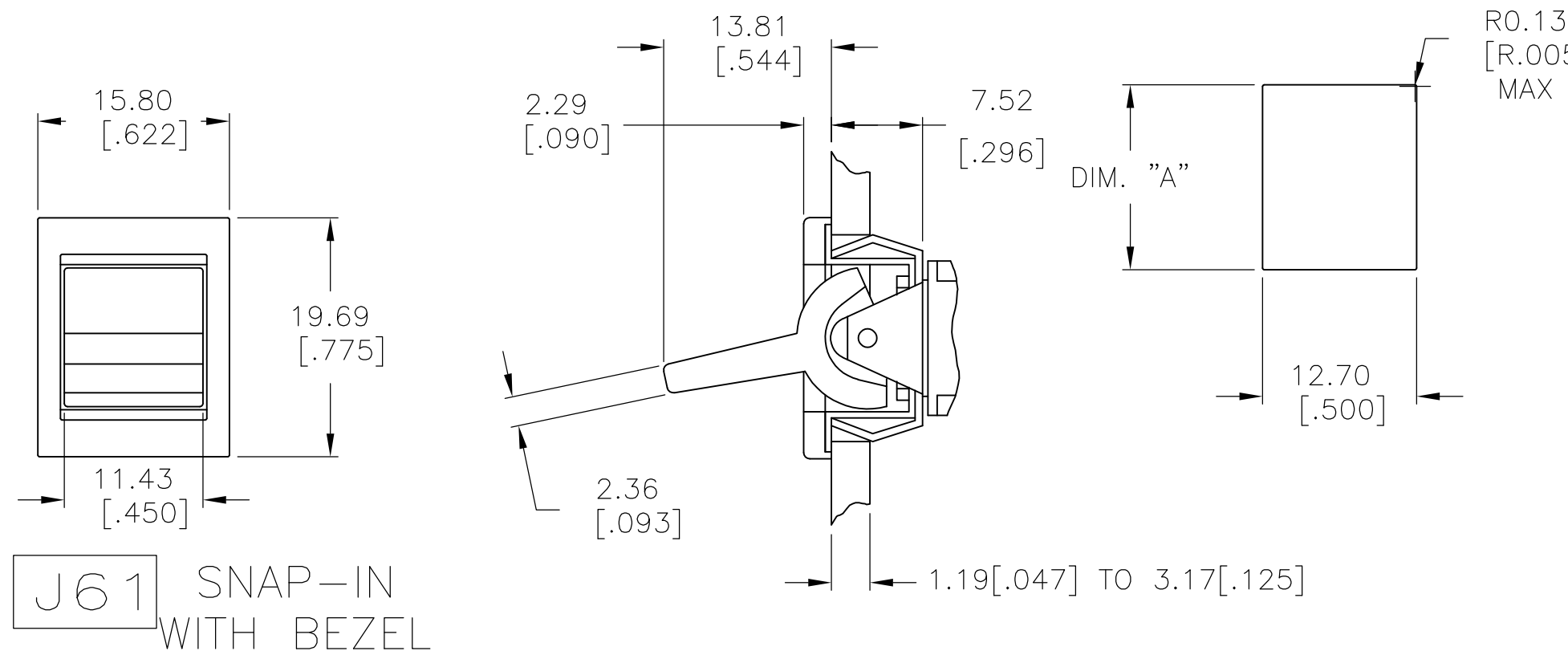
D

B

C



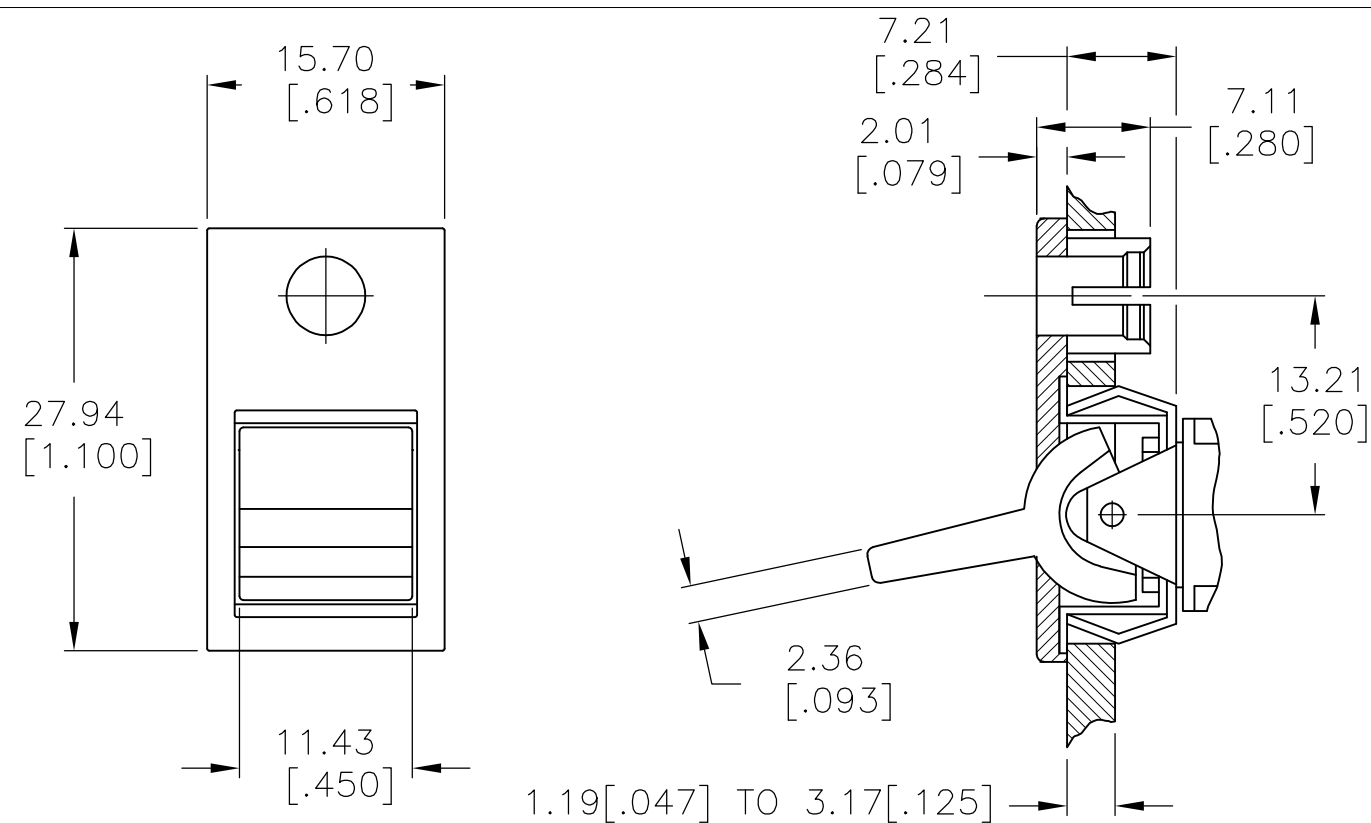
J60 SNAP-IN



J61 SNAP-IN WITH BEZEL

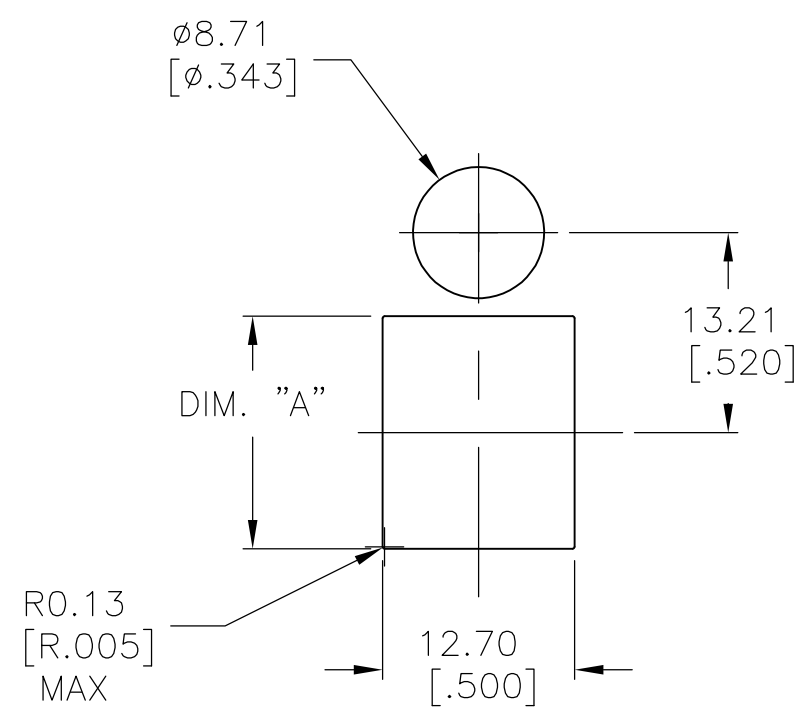
A

B



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

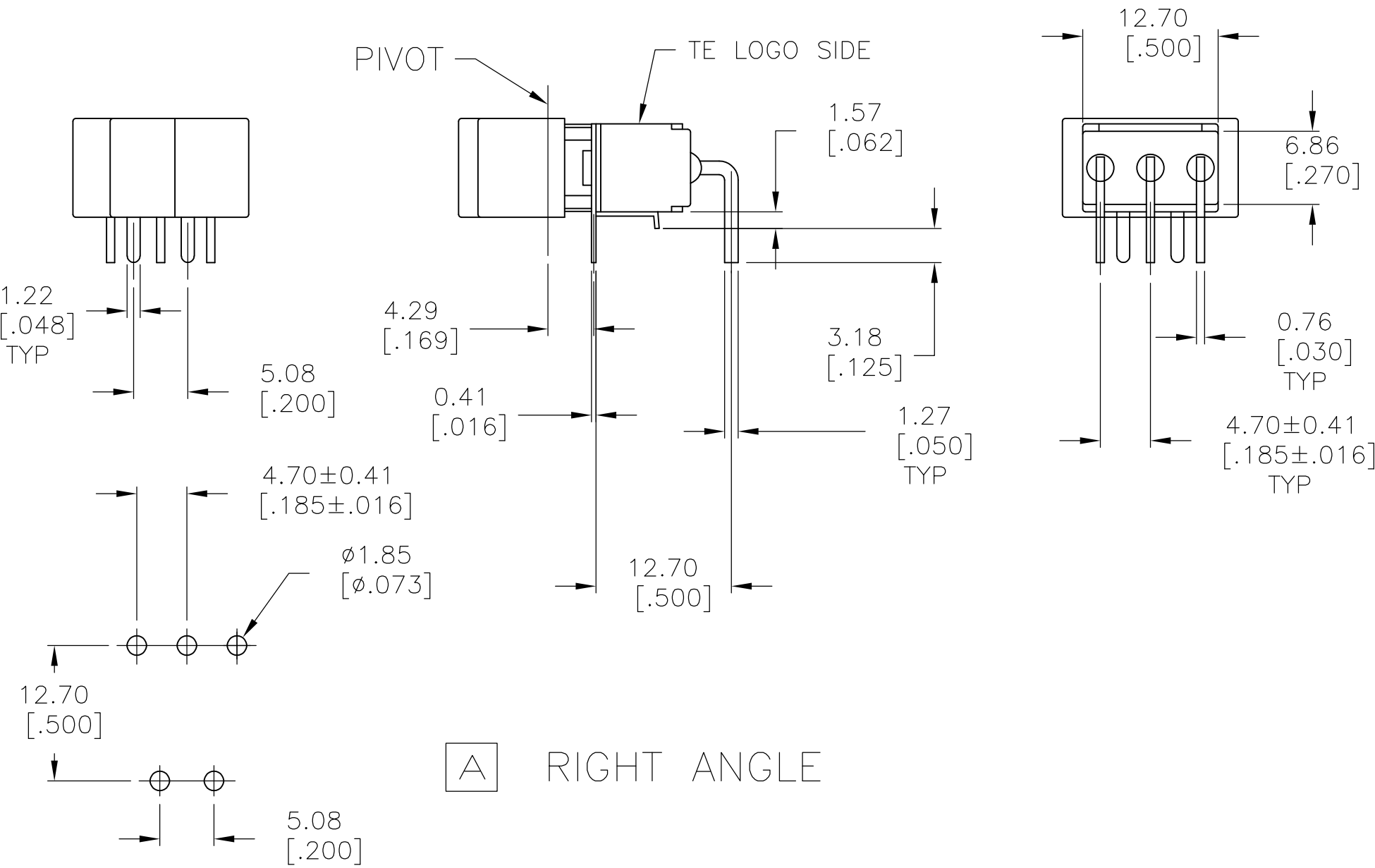
NOTE: L.E.D. NOT SUPPLIED



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	CAGE CODE	DRAWING NO
4 PLC ± -					A2	00779	C=1571986
ANGLES ± 4°		WEIGHT	-		RESTRICTED TO		
FINISH							
MATERIAL		CUSTOMER DRAWING		SCALE	2:1	SHEET	3 of 5
				REV	A8		

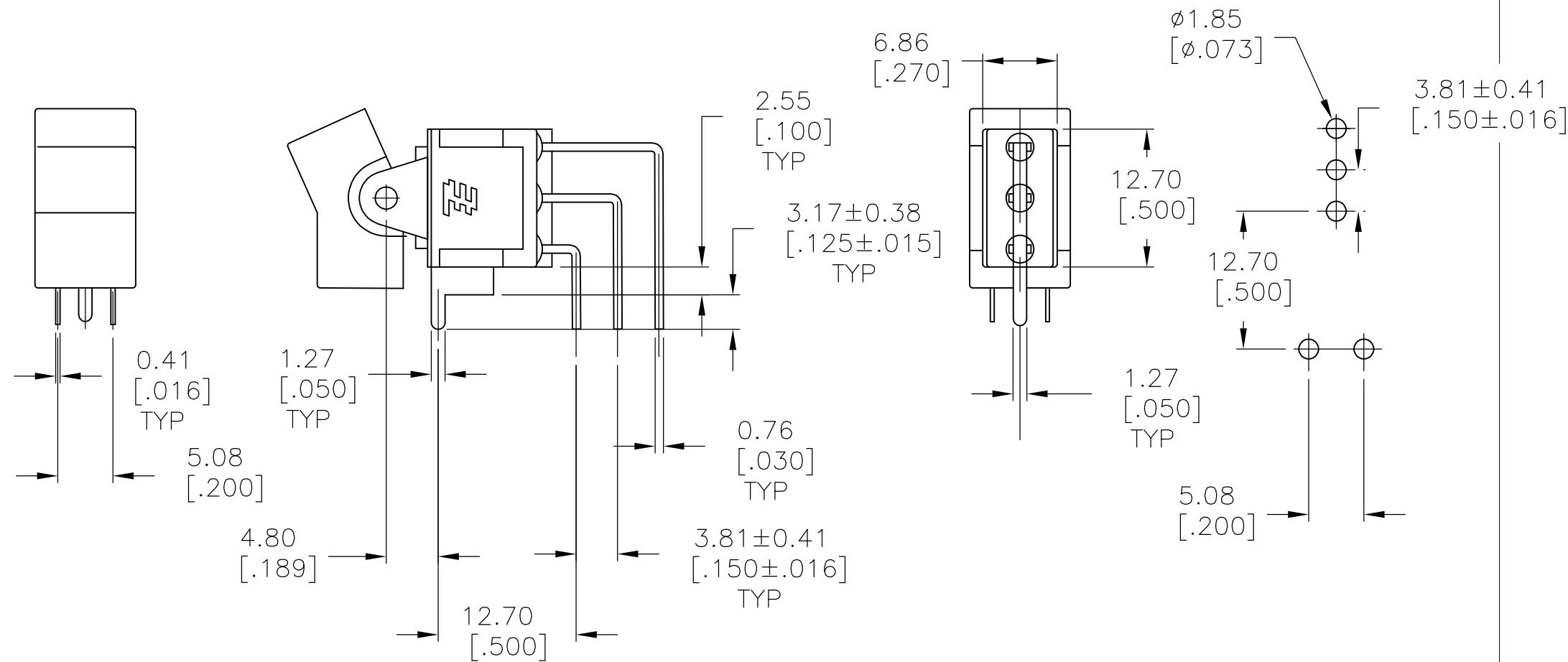
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00						
			-	SEE SHEET 1	-	-	-

D



C

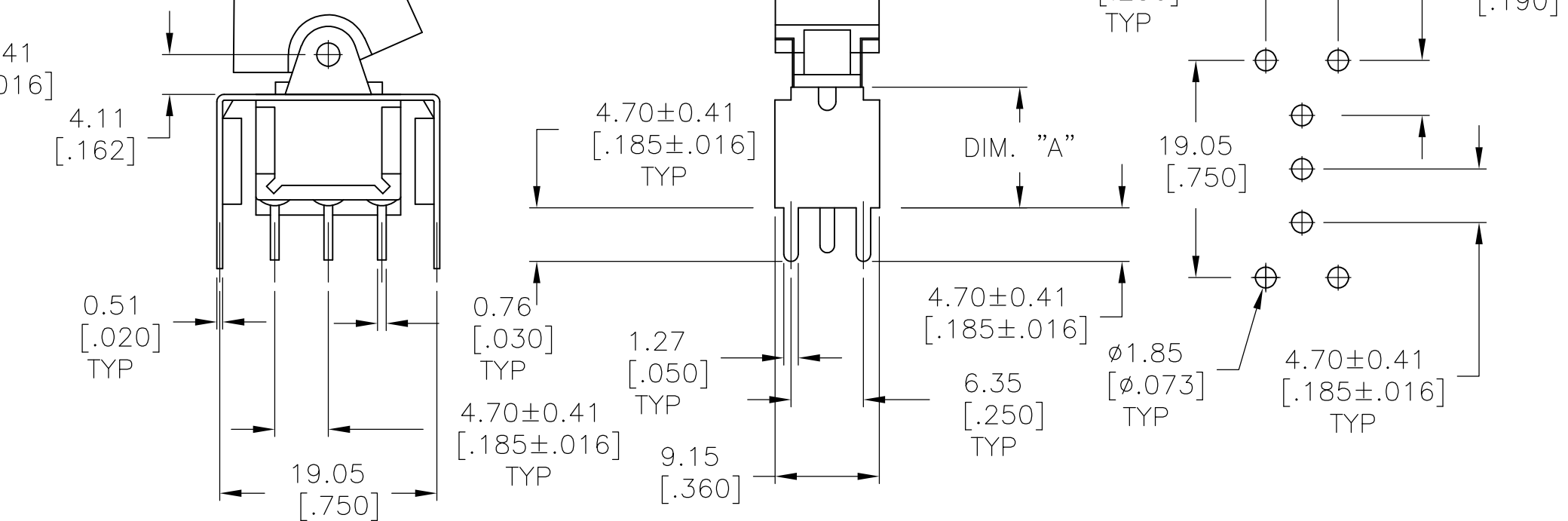
B



V3 V4

VERTICAL SUPPORT BRACKET

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

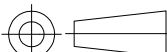


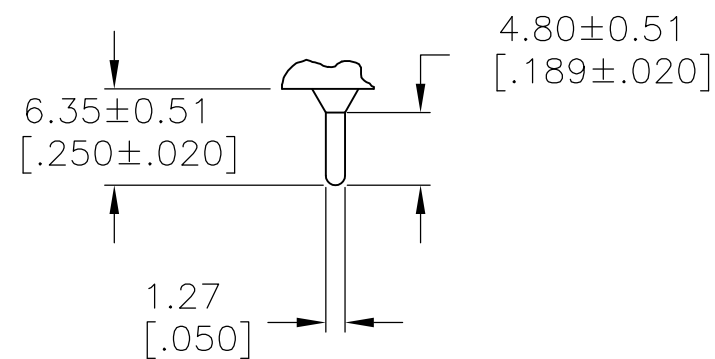
V6 V7

VERTICAL SUPPORT BRACKET

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

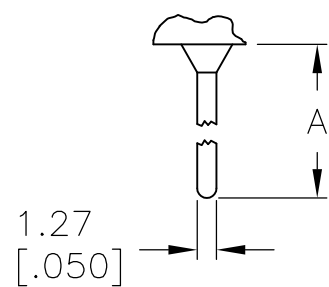
A

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M.BINNER 06JAN05	 TE Connectivity				
			CHK M.ZITTO 06JAN05					
DIMENSIONS: mm [INCHES]		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 —					
			—					
			—					
MATERIAL —	FINISH —	WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO  1571986	RESTRICTED TO —		
CUSTOMER DRAWING					SCALE 2:1	SHEET 4 of 5	REV A8	



.030 THK.

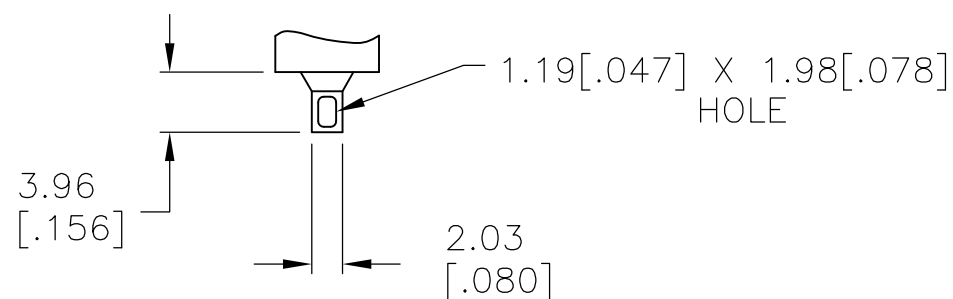
C PRINTED CIRCUIT



.030 THK.

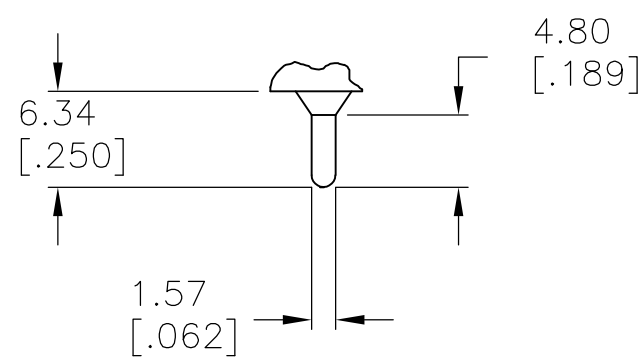
OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

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
A101J51Z3Q0004	3-1571986-1
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
A101J2ZB904	1-1571986-9
A101J2AV2Q004	1-1571986-8
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
A101J1AQ204	1571986-9
A101J1AQ004	1571986-8
A101J1AB004	1571986-7
NOT ASSIGNED	1571986-6
NOT ASSIGNED	1571986-5
NOT ASSIGNED	1571986-4
NOT ASSIGNED	1571986-3
NOT ASSIGNED	1571986-2
A101J1AB004	1571986-1

9	A101J1AV2Q004AM9	7-1571986-4
8	A101J1AV2Q004AM8	7-1571986-3
7	A101J1AV2Q004AM	7-1571986-2
	A108J61ZQ0004	7-1571986-0
	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

7

PRELIMINARY

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

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[A101J51CB0004](#) [A101J4ZQ004](#) [A101J50V3Q204](#) [A101J1CG004](#)