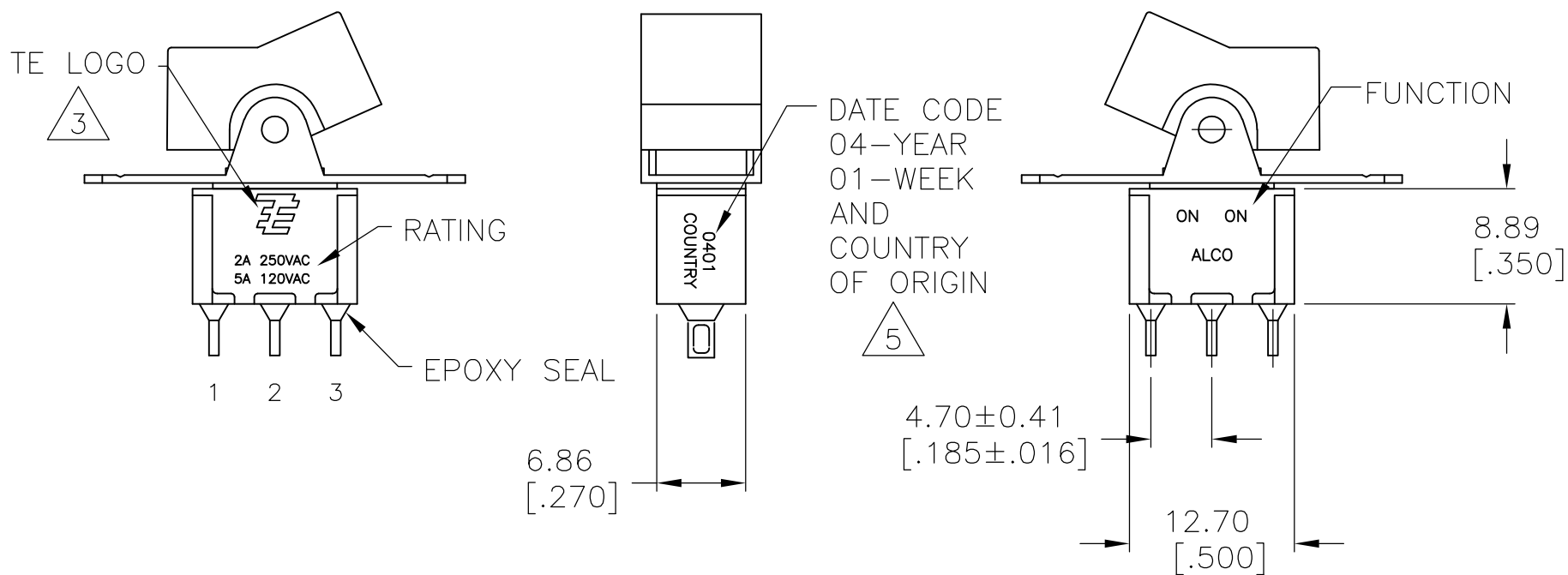


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A9	REVISED PER ECO-14-005988	23APR2014	NK	RH



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

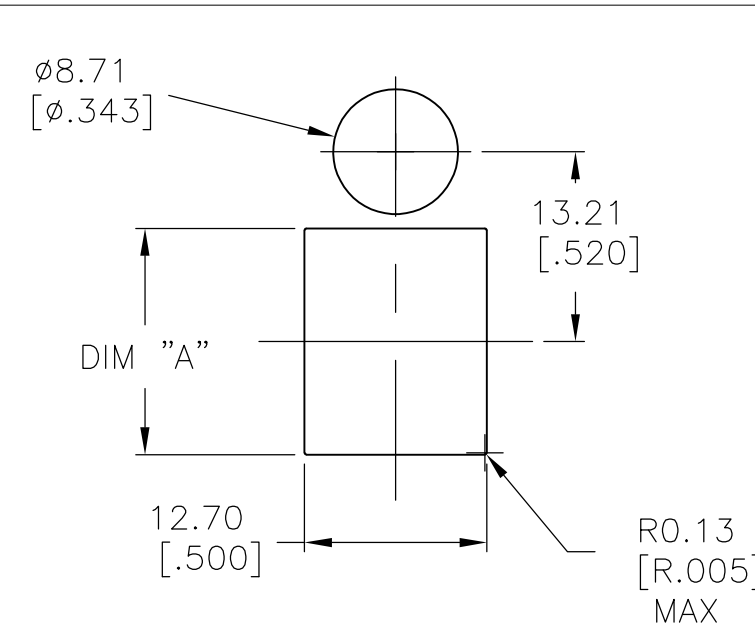
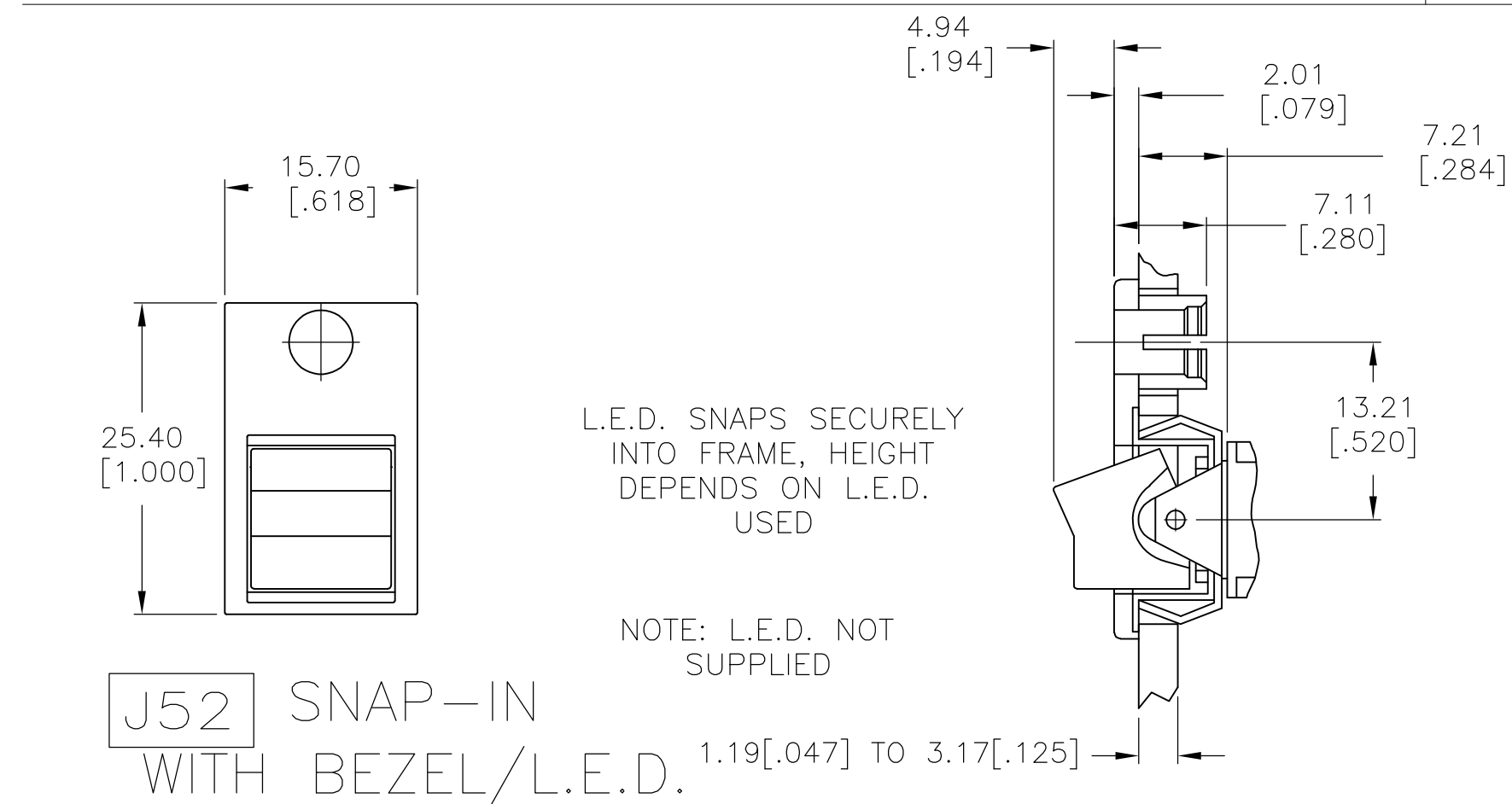
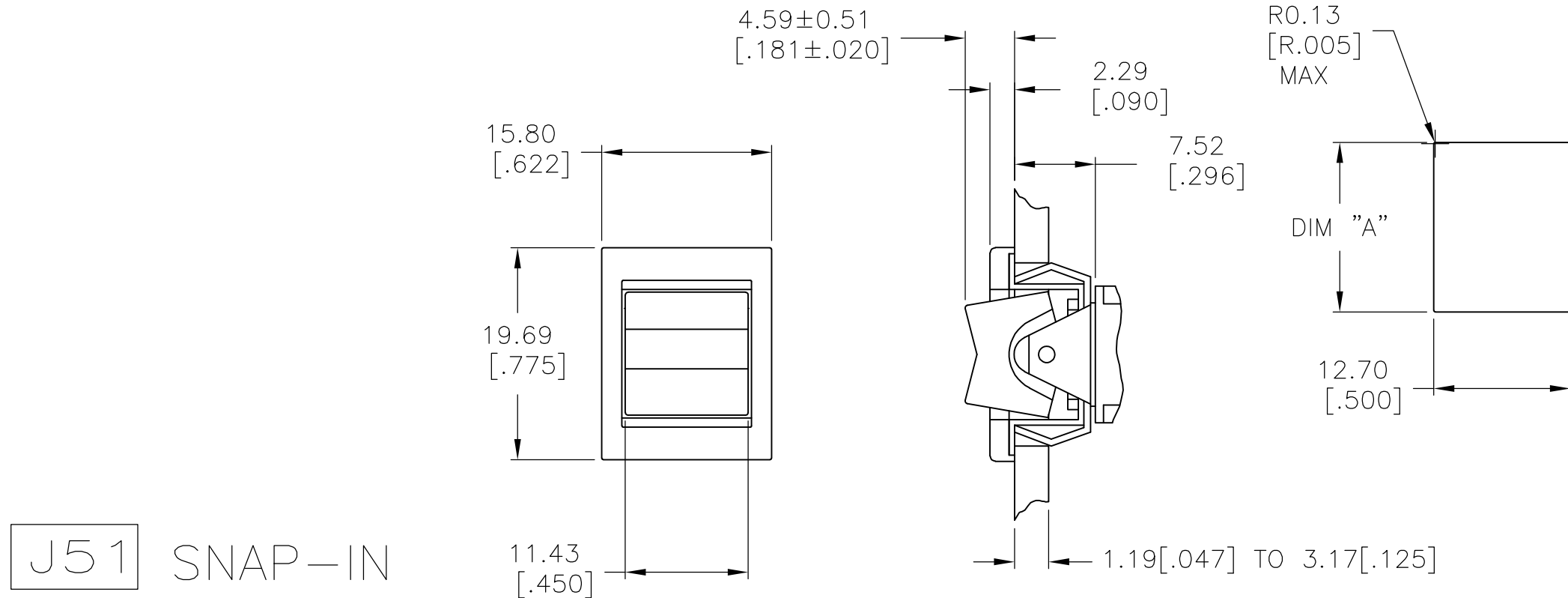
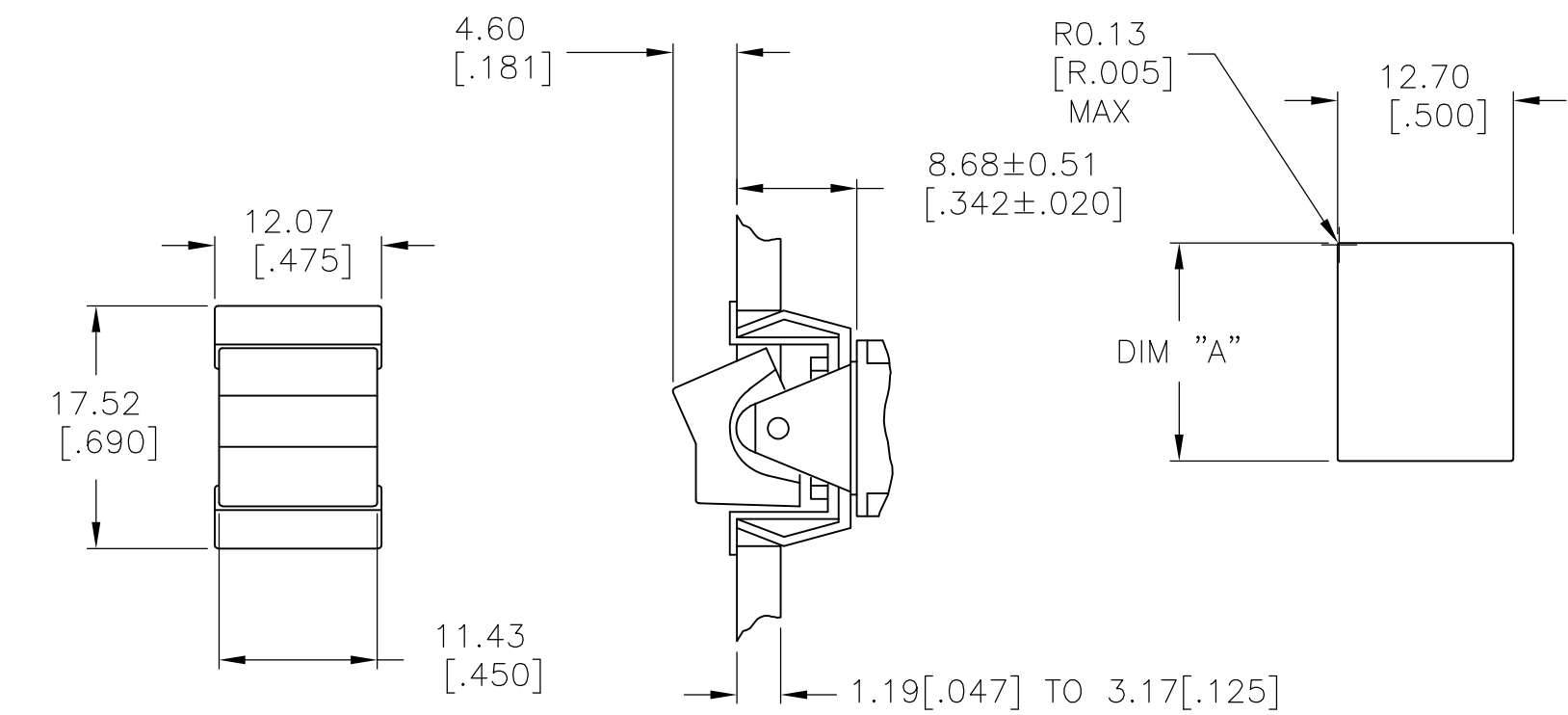
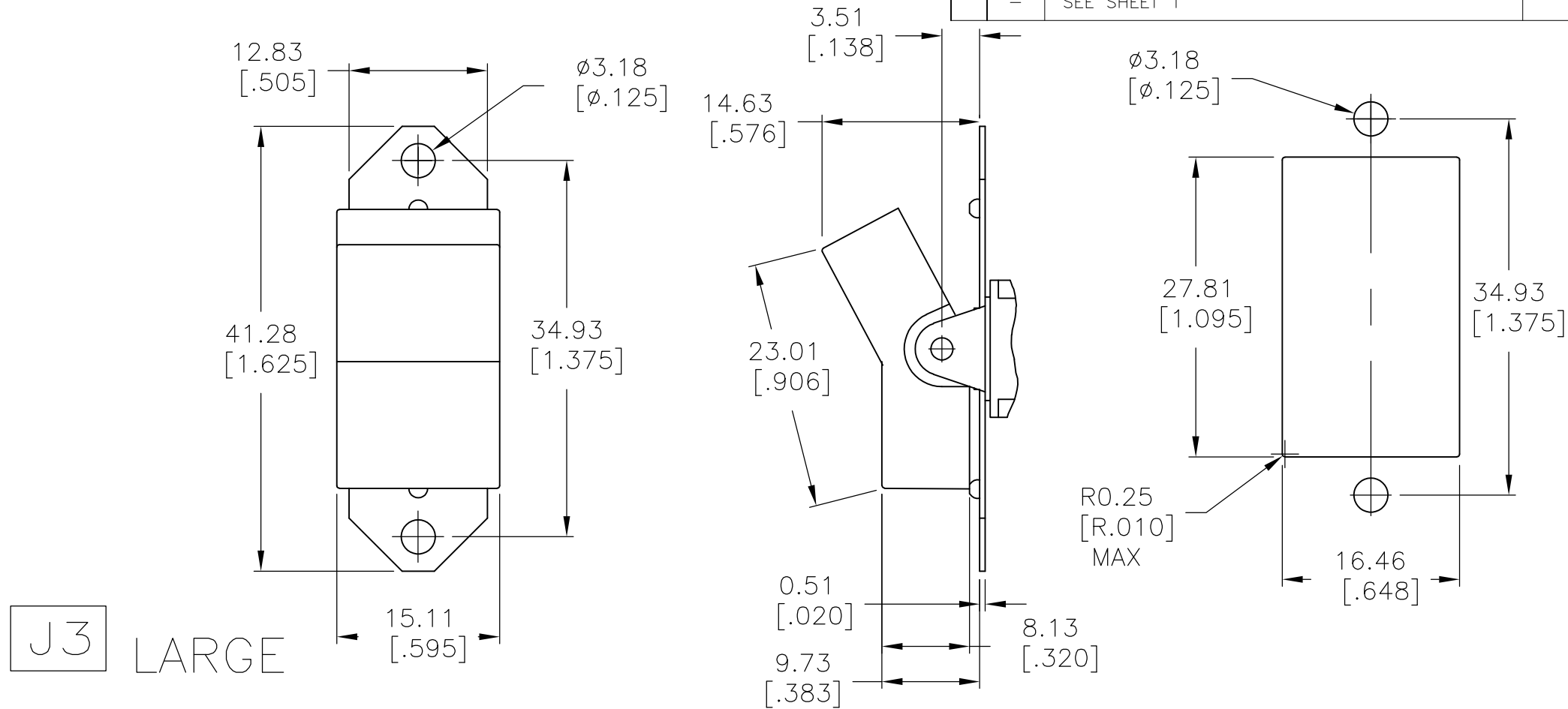
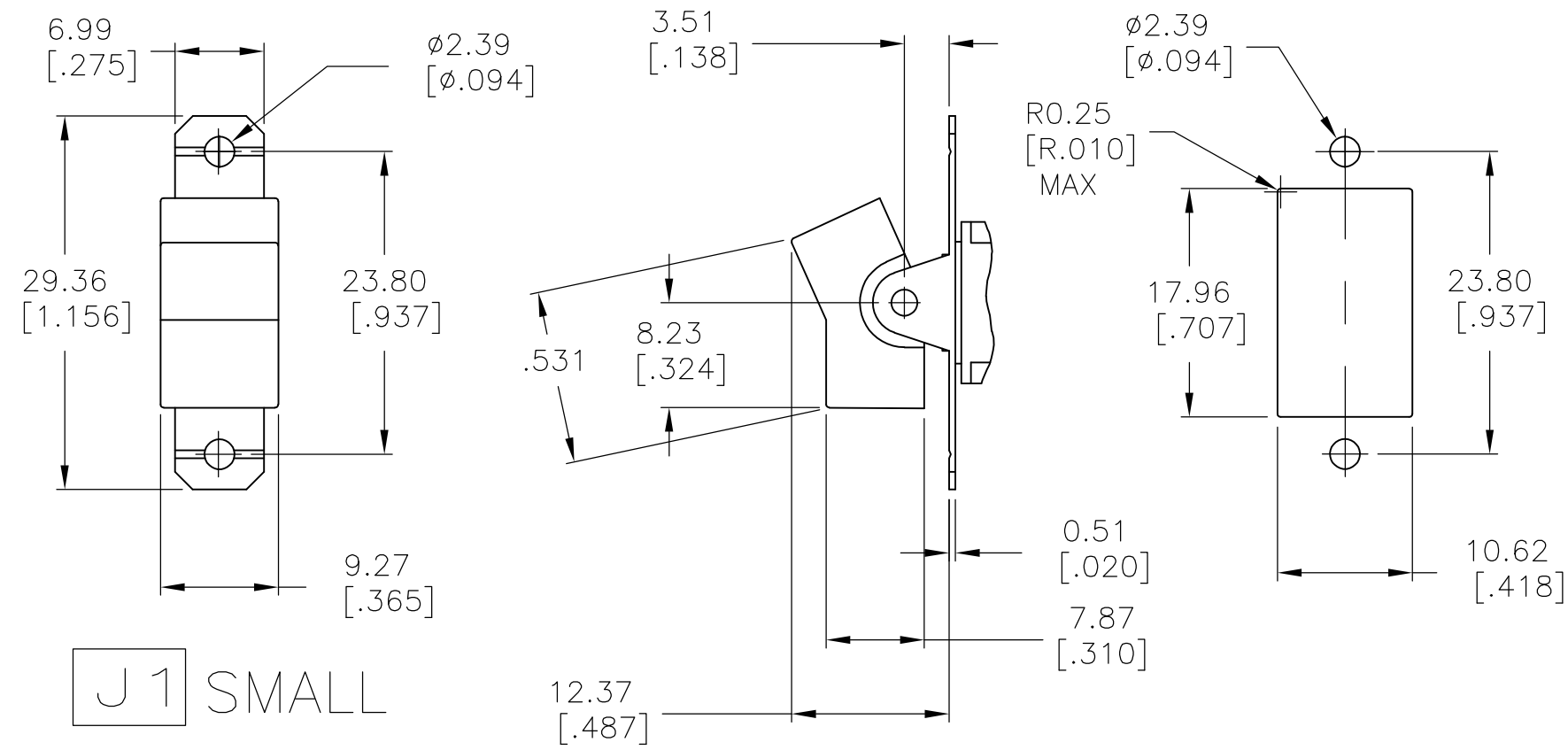
- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 2 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING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

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:		APVD M.ZITTO	NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE		
	0 PLC ± -		PRODUCT SPEC			
	1 PLC ± -		—			
	2 PLC ± -		—			
MATERIAL —	3 PLC ± 0.25[0.01]		APPLICATION SPEC	SIZE A2		
	4 PLC ± -		—			CAGE CODE 00779
	ANGLES ± 4°		—			DRAWING NO C=1571986
	FINISH —		WEIGHT —			RESTRICTED TO —
CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 5	REV A9	

LOC		DIST		REVISIONS							
AD		00		P	LTR	DESCRIPTION			DATE	DWN	APVD
3 51					—	SEE SHEET 1			—	—	—

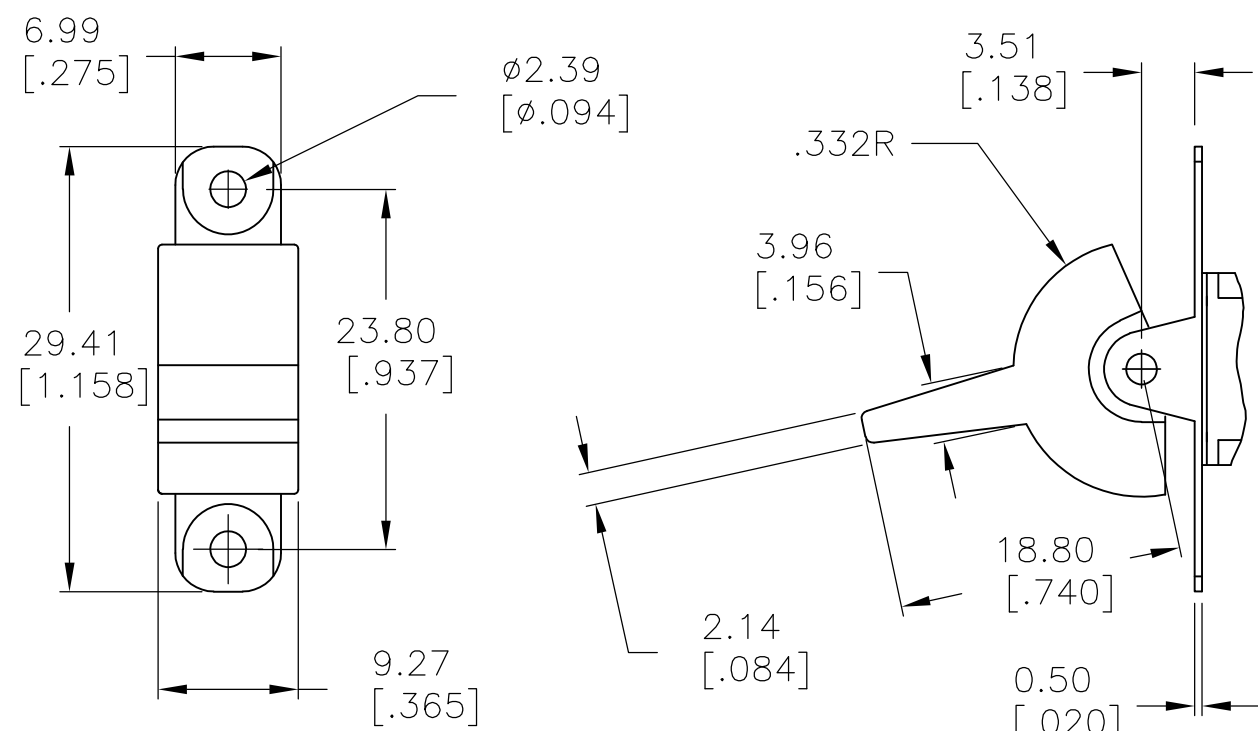


1.52[.060]–3.17[.125]	15.75[.620]–15.87[.625]
1.19[.047]–1.50[.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

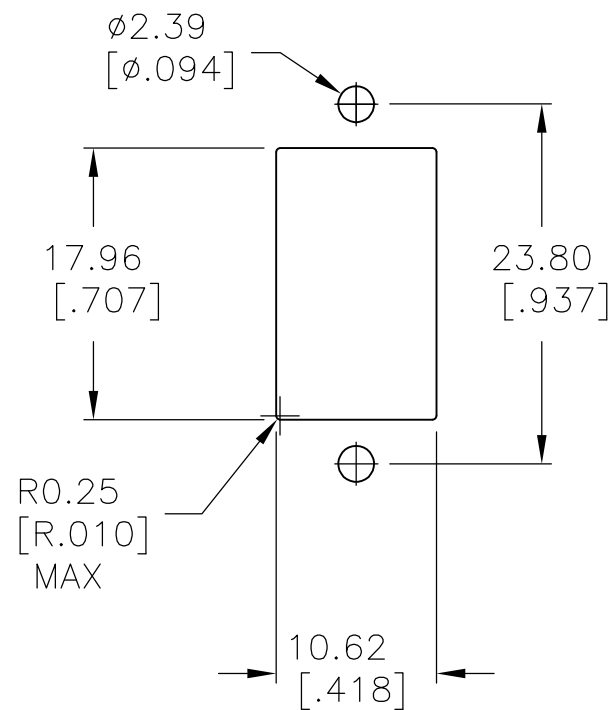
THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	M.BINNER		06JAN05		TE Connectivity										
				CHK	M.ZITTO		06JAN05												
DIMENSIONS: mm [INCHES]		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD	M.ZITTO		06JAN05		NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE										
		0 PLC ± -		PRODUCT SPEC															
		1 PLC ± -		—															
		2 PLC ± -		APPLICATION SPEC															
		3 PLC ± 0.25[0.01]		—		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO							
		4 PLC ± -		—		A2		00779		C-1571986		—							
MATERIAL		FINISH		WEIGHT		—													
—		—		—		CUSTOMER DRAWING								SCALE	2:1	SHEET	2 of 5	REV	A9

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

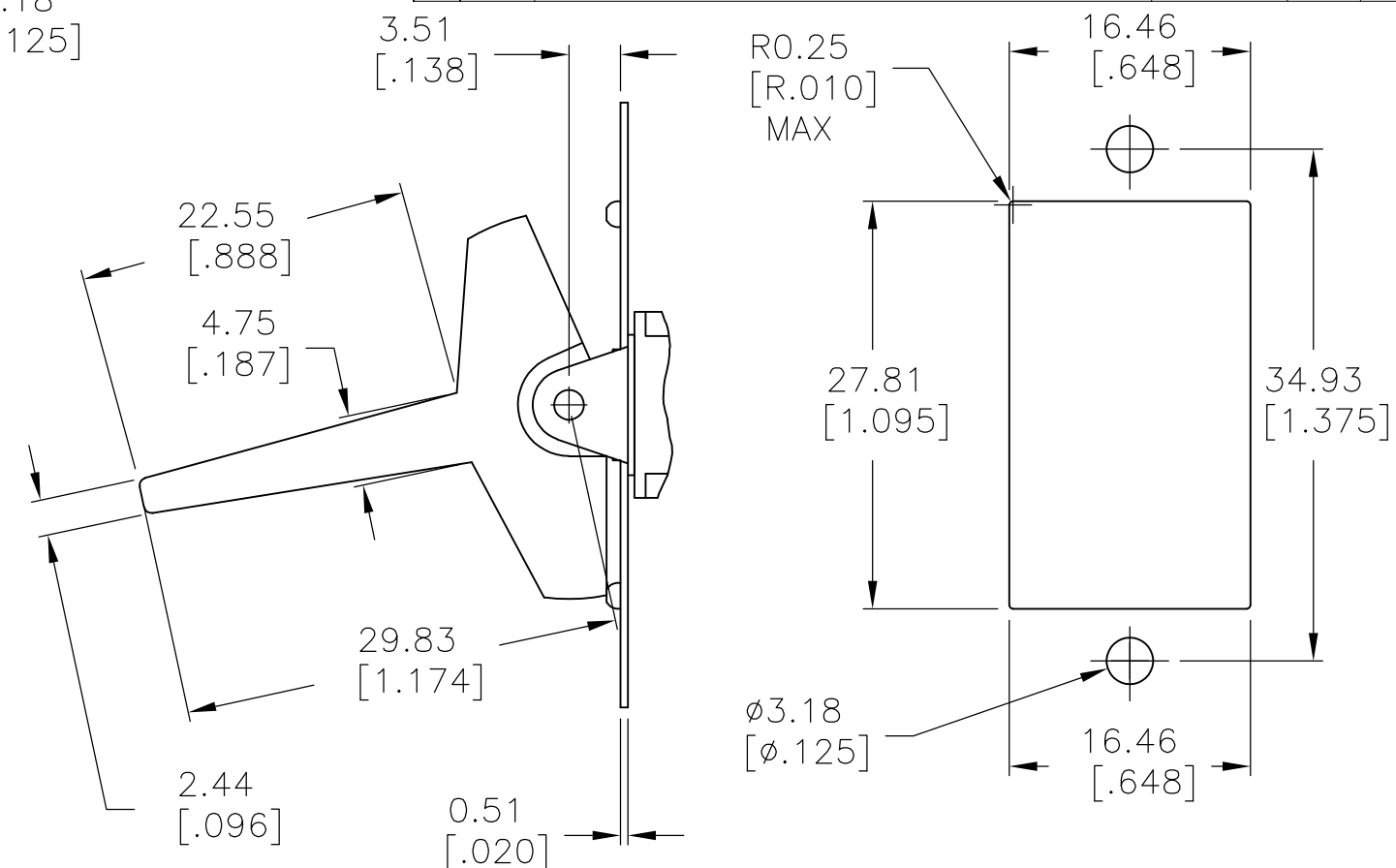
D



J2 SMALL



J4 LARGE

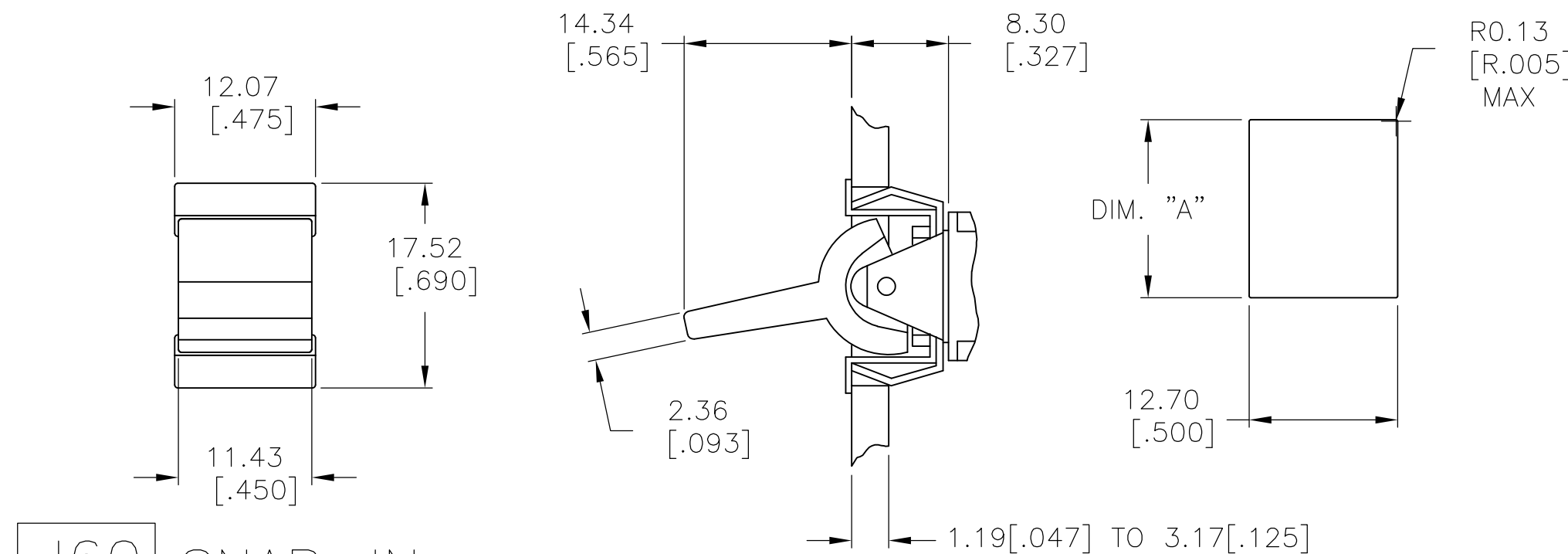


C

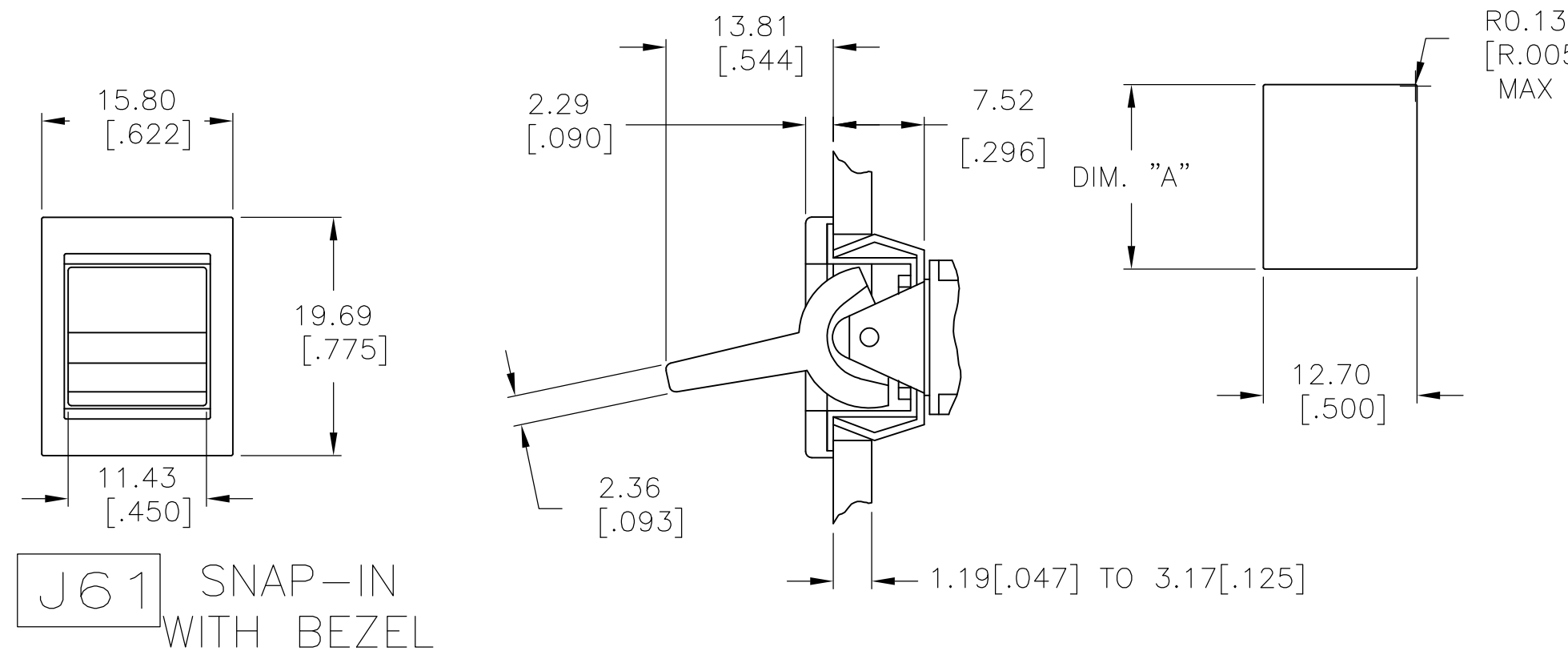
D

B

C



J60 SNAP-IN

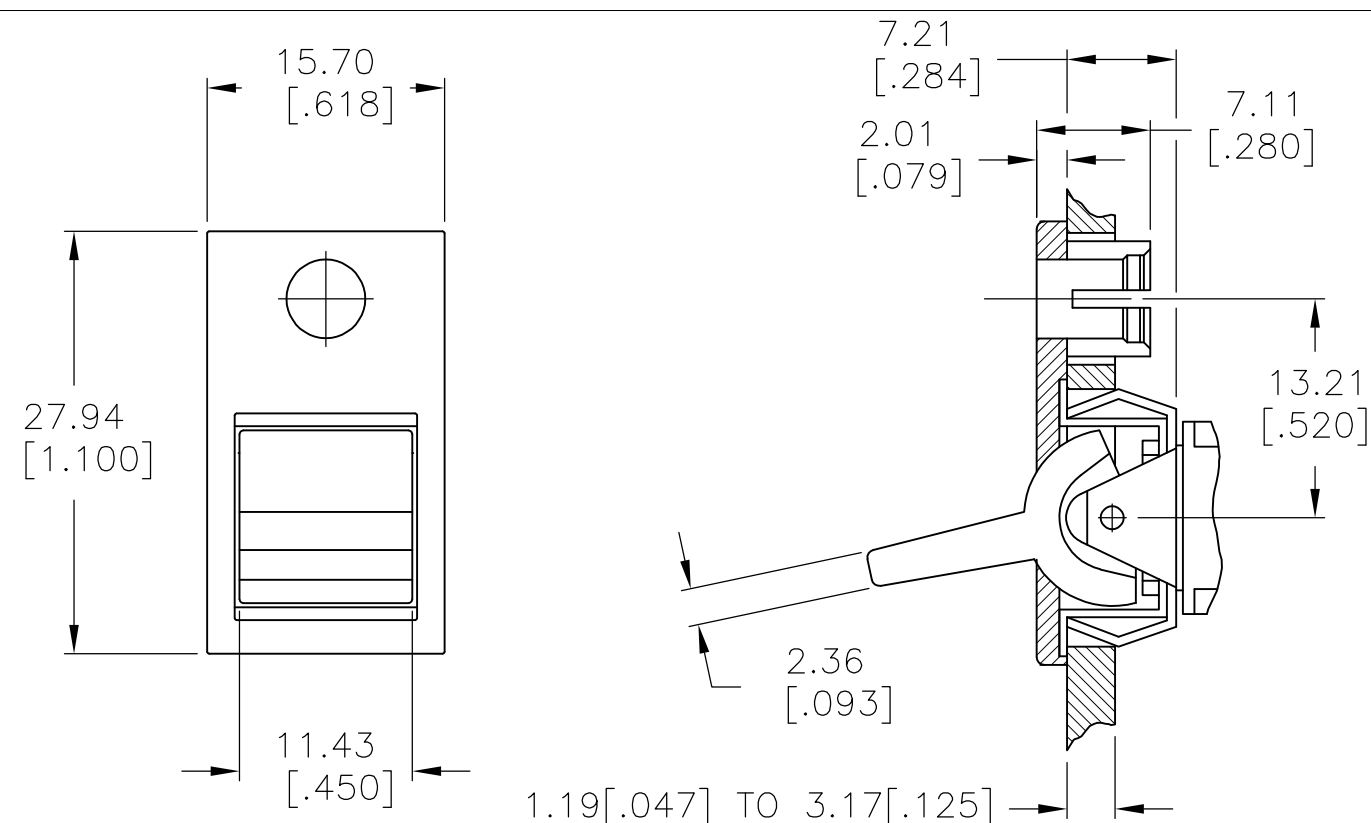


J61 SNAP-IN WITH BEZEL

A

B

B



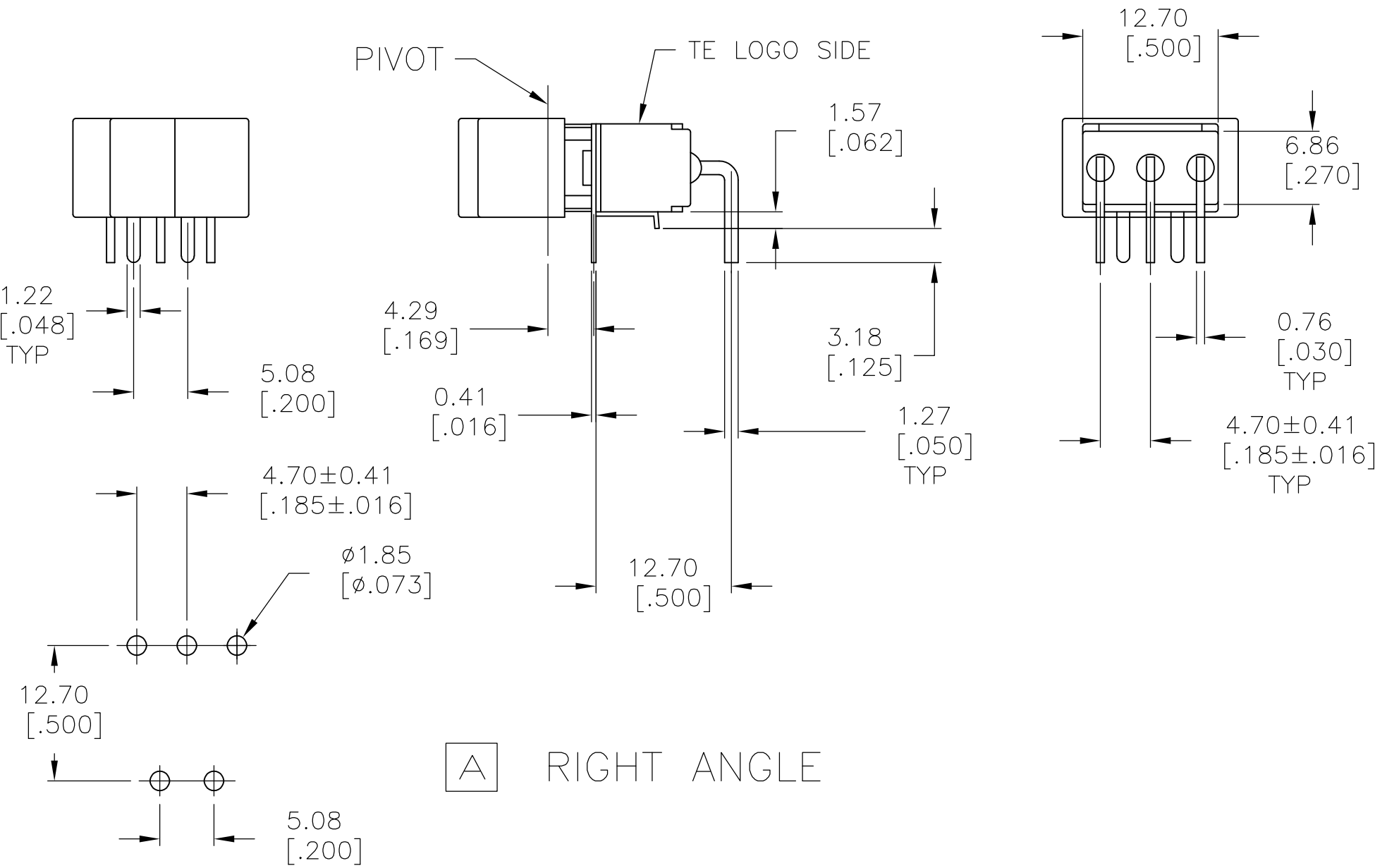
J62 SNAP-IN WITH BEZEL/L.E.D.

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						NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE
		APVD M.ZITTO	06JAN05						
		PRODUCT SPEC —							
		APPLICATION SPEC —							
MATERIAL —		FINISH —		WEIGHT —		SIZE A2	CAGE CODE 00779	DRAWING NO C-1571986	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 2:1		SHEET 3 of 5		REV A9	

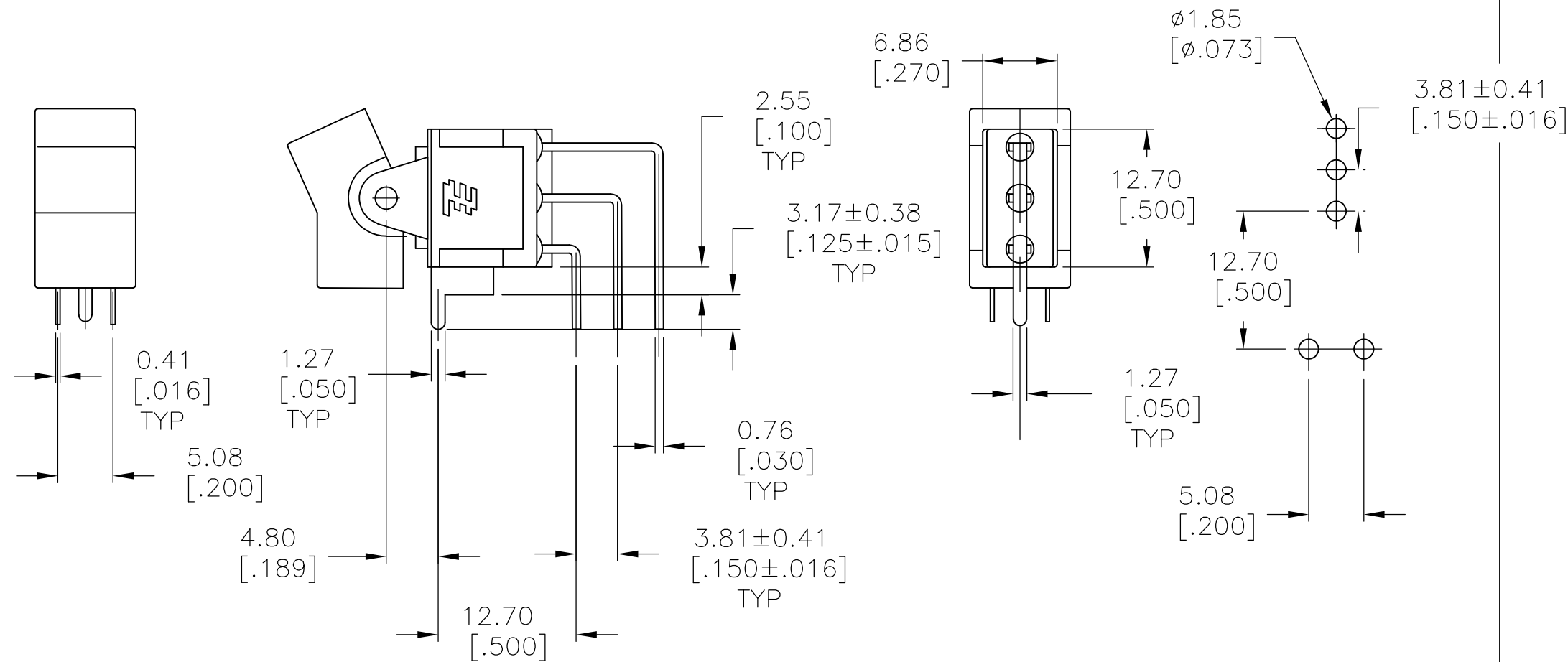
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00						
			-	SEE SHEET 1	-	-	-

D



C

B



A

V3 V4

VERTICAL SUPPORT BRACKET

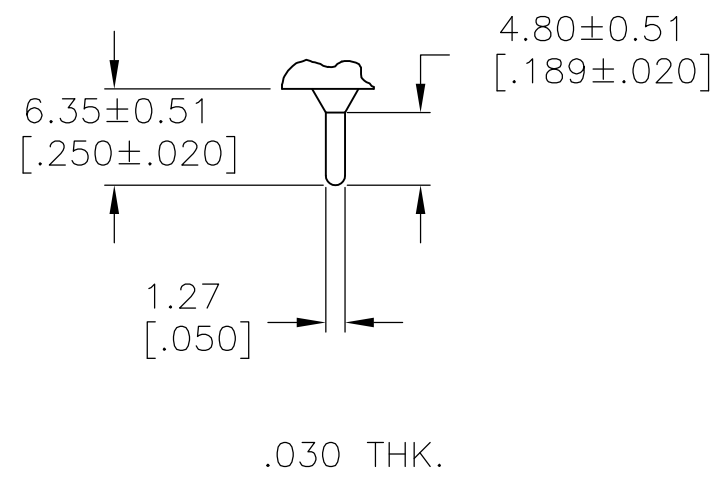
OPTION CODE	DIM "A"
V3	11.68[.460]
V4	16.00[.630]

V6 V7

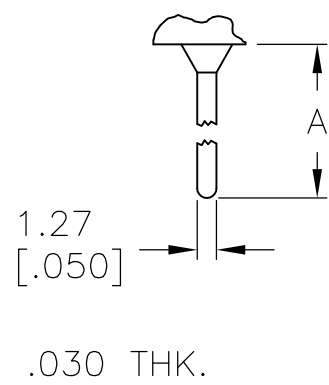
VERTICAL SUPPORT BRACKET

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

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					
		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 A9			

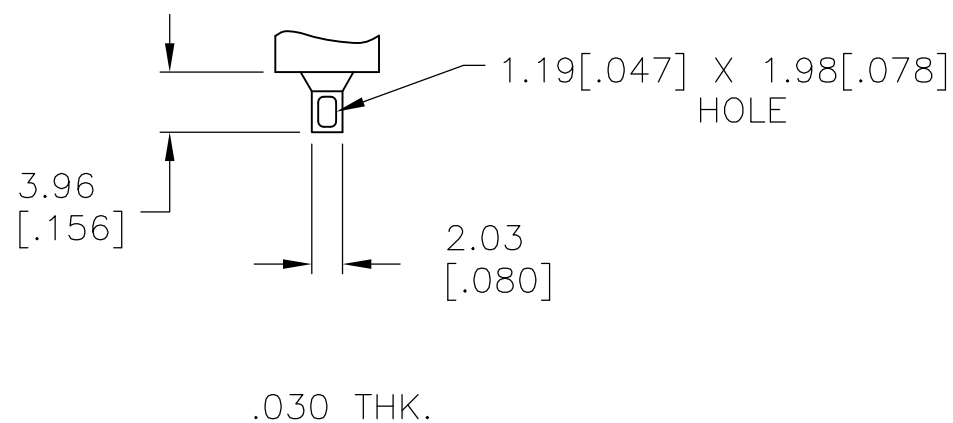


C PRINTED CIRCUIT

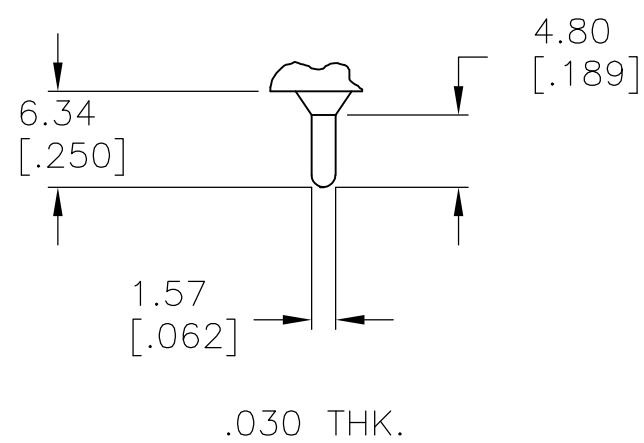


OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

W W4 WIRE WRAP



Z WIRE LUG



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
A101J2VB904	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
ALCO P/N	P/N

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		 TE Connectivity								
			CHK M.ZITTO 06JAN05										
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.ZITTO 06JAN05		NAME							
		0 PLC ± -		PRODUCT SPEC		GEMINI A SERIES ROCKER SWITCH SINGLE POLE							
		1 PLC ± -		—									
		2 PLC ± -		—									
		3 PLC ± 0.25[0.01]		APPLICATION SPEC									
		4 PLC ± -		—									
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO			
-		-		—		A2		00779	C-1571986	—			
CUSTOMER DRAWING							SCALE		2:1	SHEET	5 of 5	REV	A9