

6-1571986-4 Product Details

Detailed product features are not currently available online.

Product features can often be found by referring to the available documents. [Contact us](#) for information about this product.

No Image Available

A105J61ZQ0004=SGL POLE,ROCKER



Always EU RoHS/ELV Compliant (Statement of Compliance)

6-1571986-4

(A105J61ZQ0004)

TE Internal Number: 6-1571986-4



Active

Documentation & Additional Information

Product Drawings:

- [GEMINI A SERIES ROCKER SWITCH SINGLE POLE](#) (PDF, English)

Catalog Pages/Data Sheets:

- [GEMINI_SERIES_SWITCHES_QUICK_REF_GUIDE_2-1773458-5](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

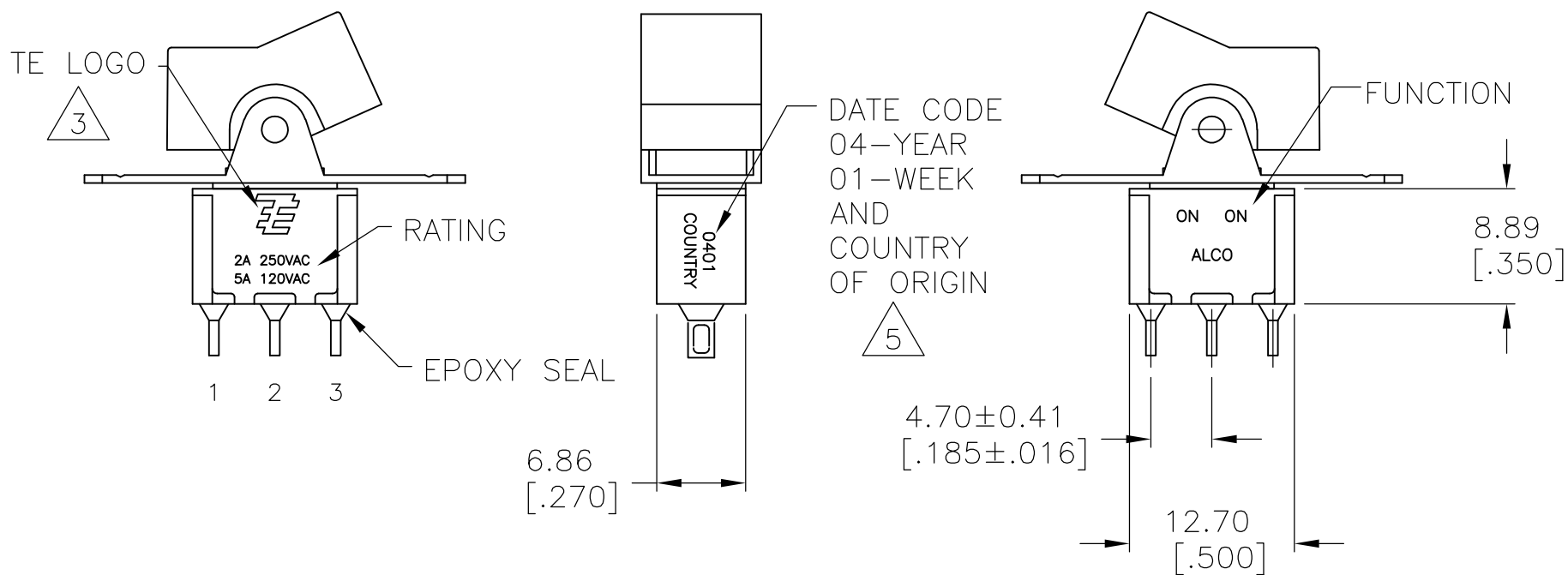
CAD Files:

- None Available

Related Products:

- [Tooling](#)

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 ☐

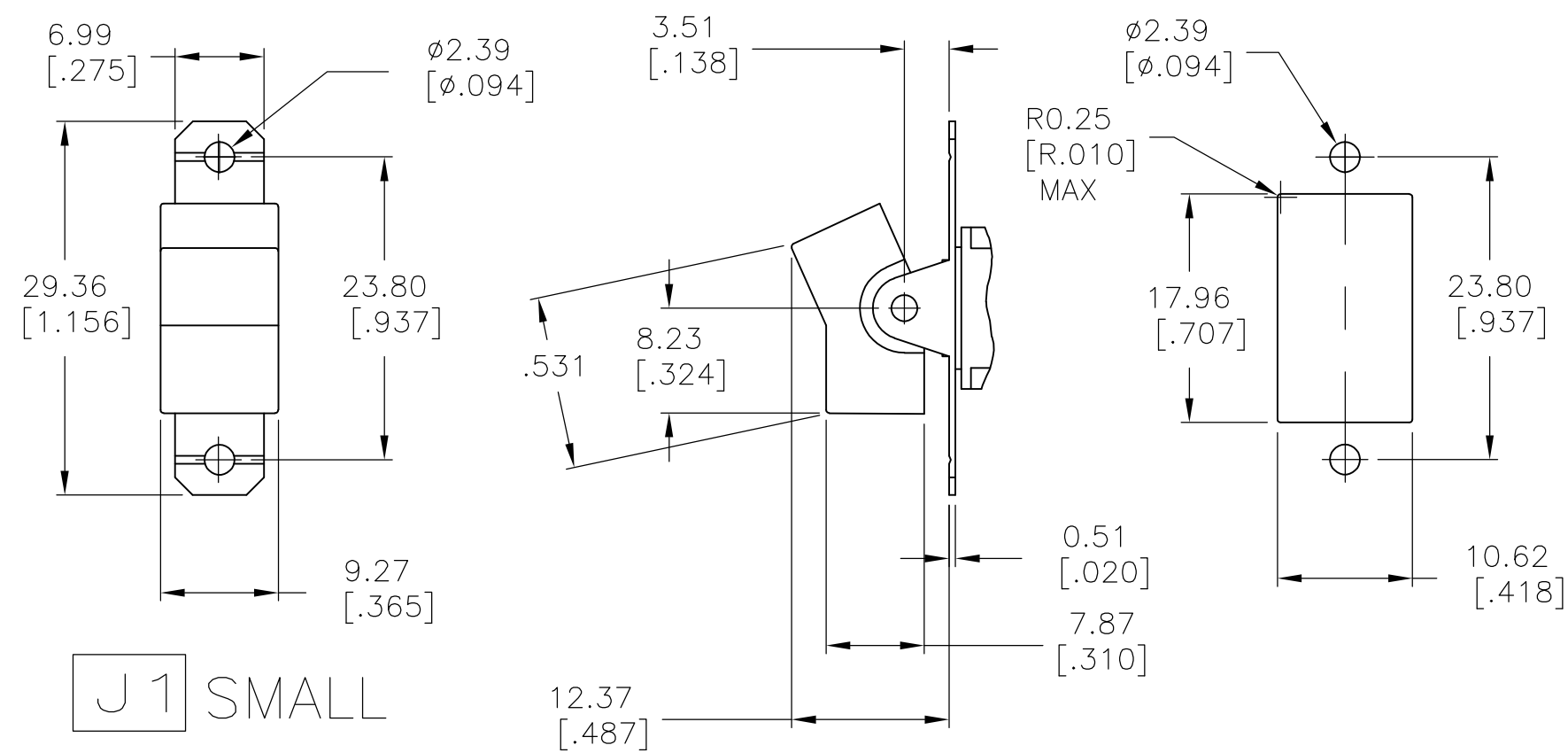
FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3	---	1-2
NONE: NO MECHANICAL POSITION OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION (ON): MOMENTARY ACTION			

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				

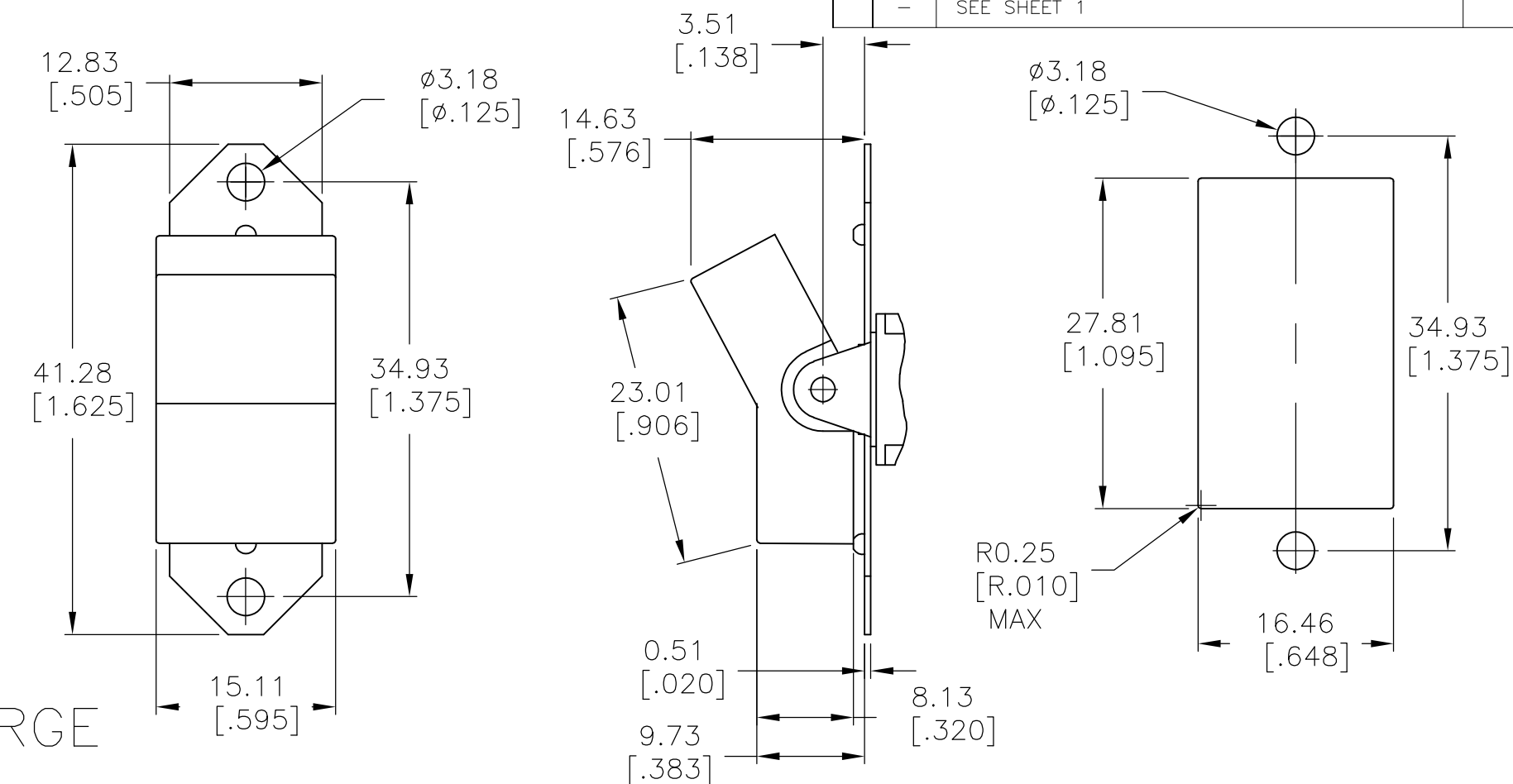
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	06JAN05	 TE Connectivity					
		CHK M.ZITTO	06JAN05						
DIMENSIONS: mm [INCHES]		APVD M.ZITTO	06JAN05	NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE					
		PRODUCT SPEC —							
		APPLICATION SPEC —							
		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO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

D

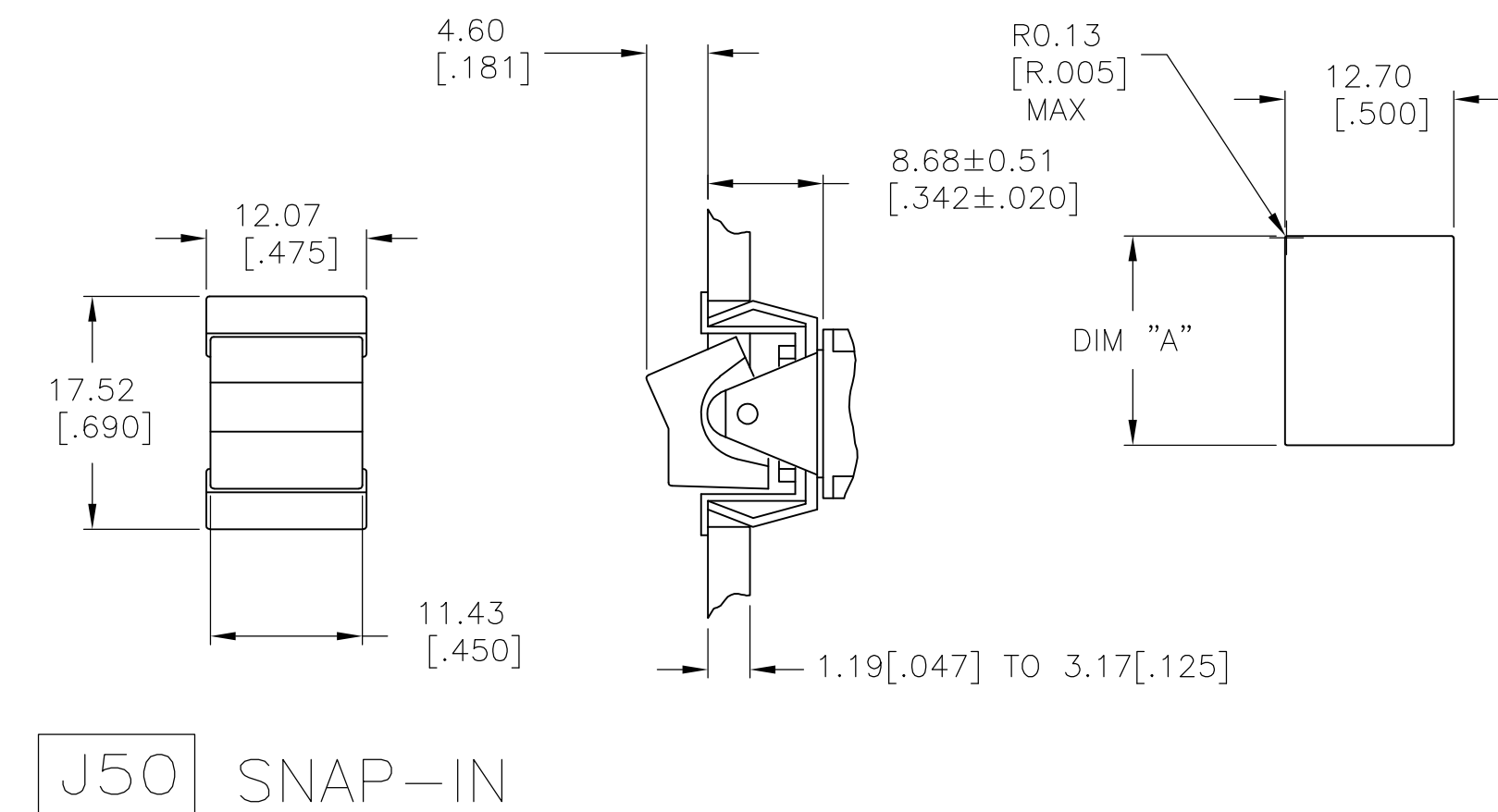


C

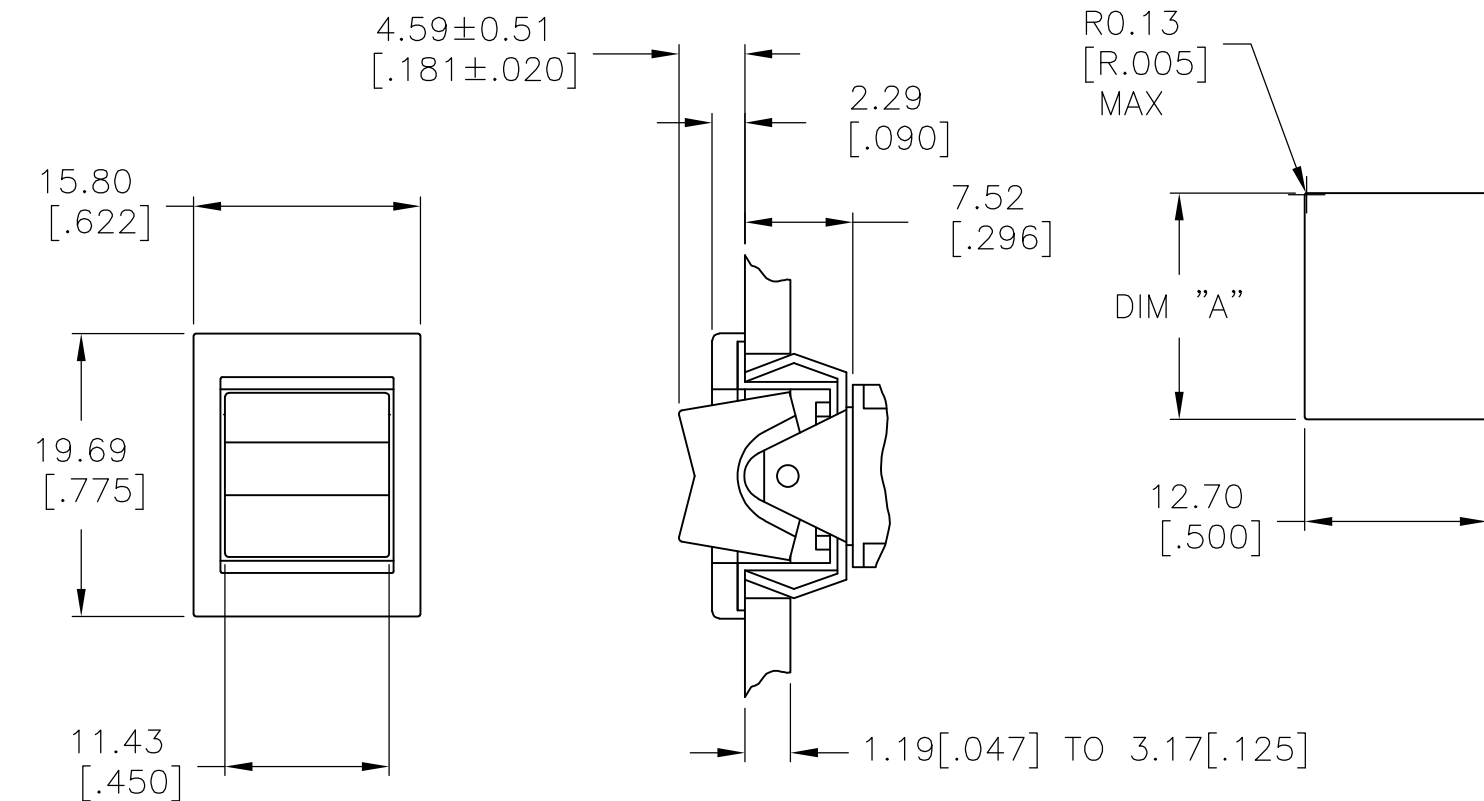
J3 LARGE



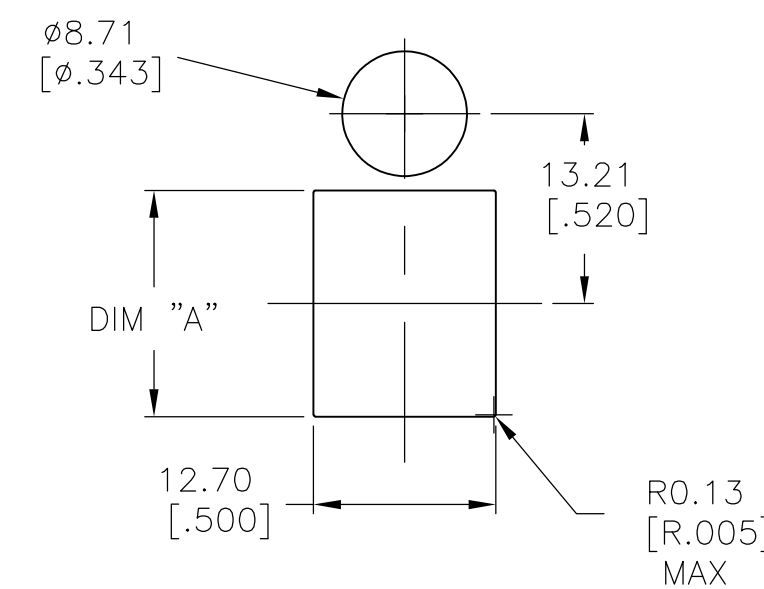
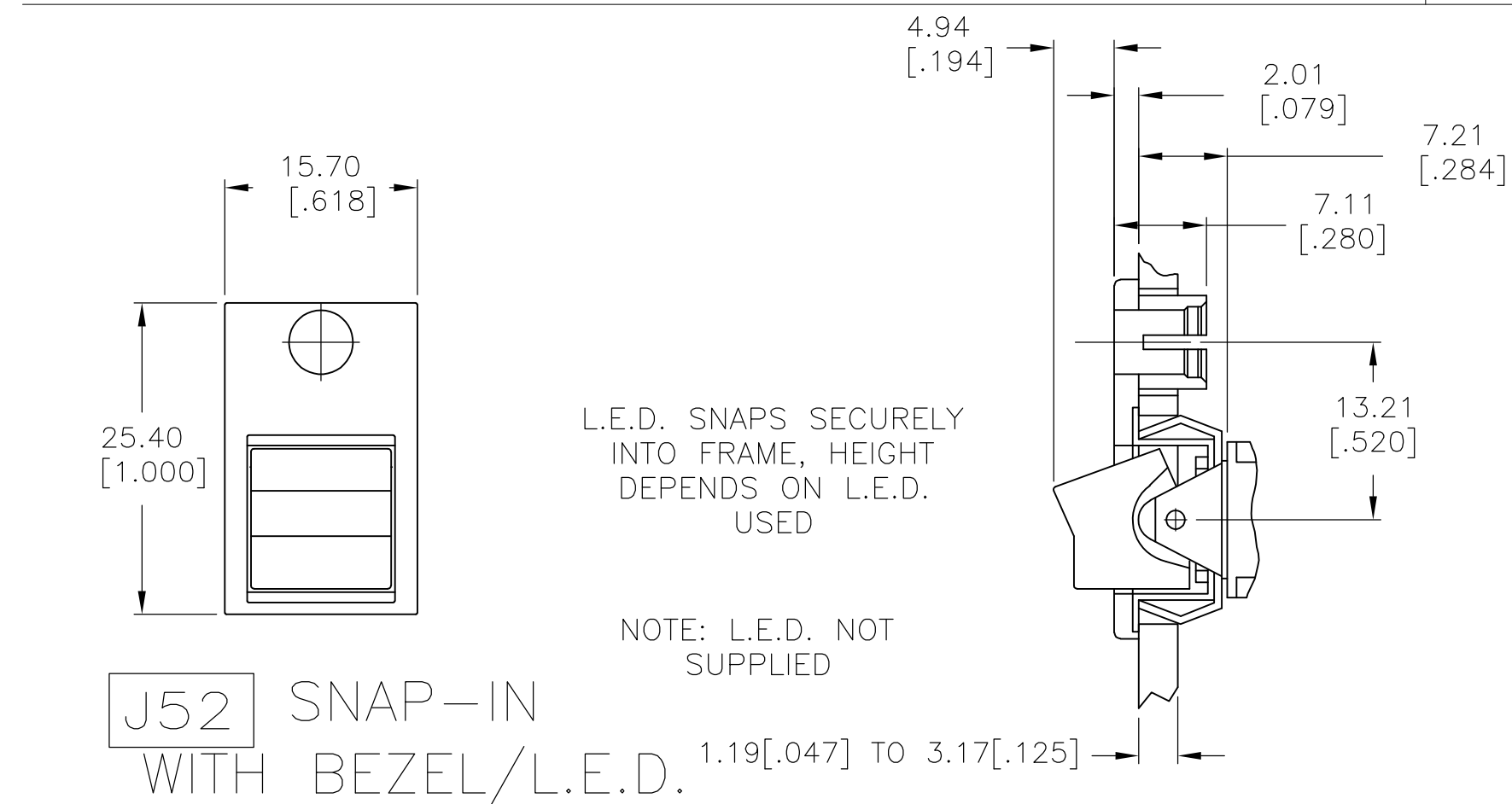
B



J51 SNAP-IN WITH BEZEL



A



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

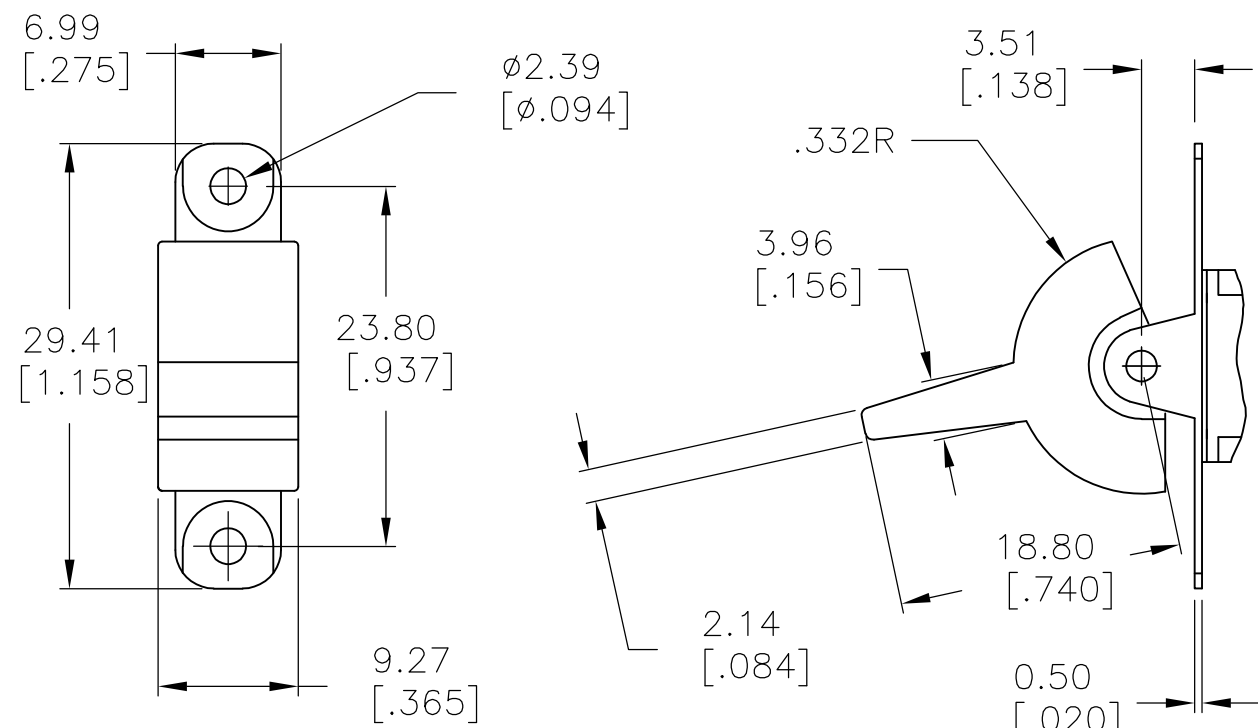
NOTE: L.E.D. NOT SUPPLIED

1.19[.047] TO 3.17[.125]

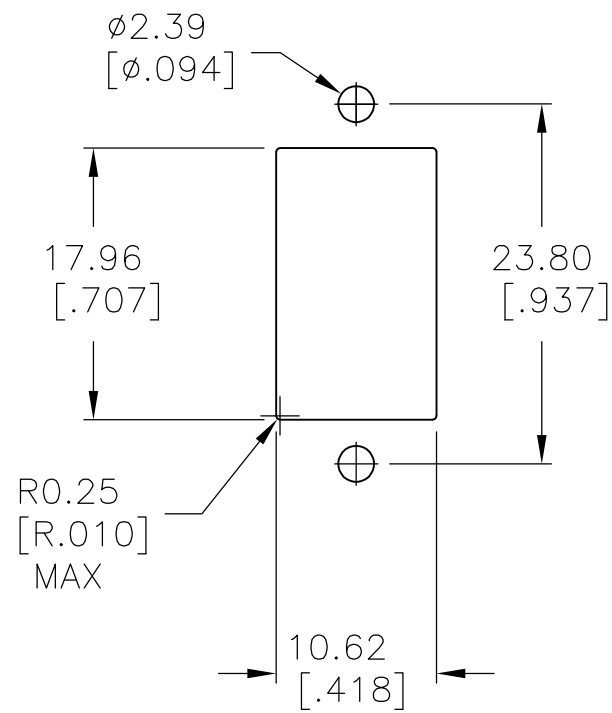
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	06JAN05	 TE Connectivity	
DIMENSIONS:		CHK M.ZITTO	06JAN05		
mm [INCHES]		APVD M.ZITTO	06JAN05		
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		
	0 PLC ± -		GEMINI A SERIES ROCKER SWITCH		
	1 PLC ± -		SINGLE POLE		
	2 PLC ± -				
	3 PLC ± 0.25[0.01]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

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

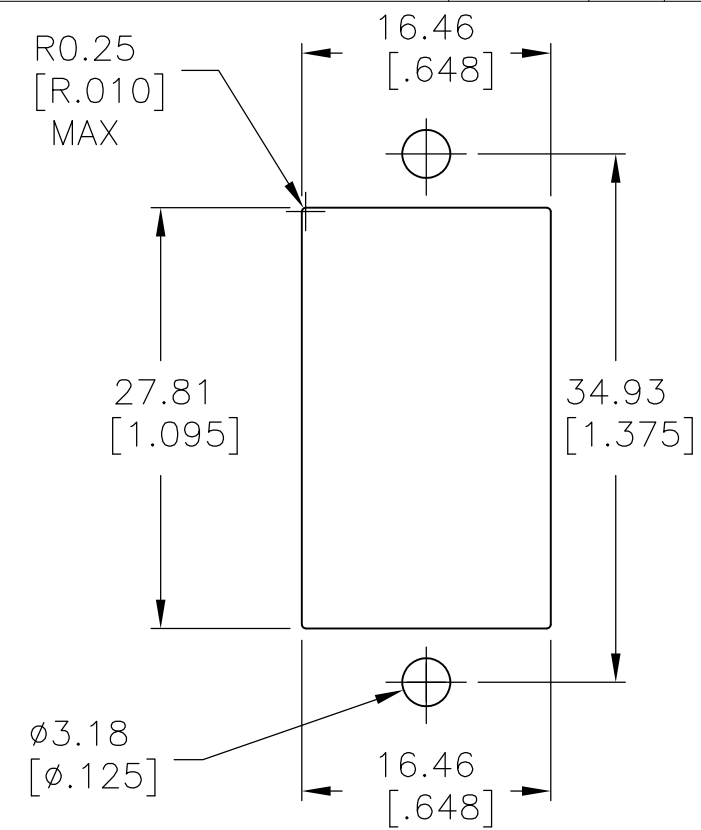
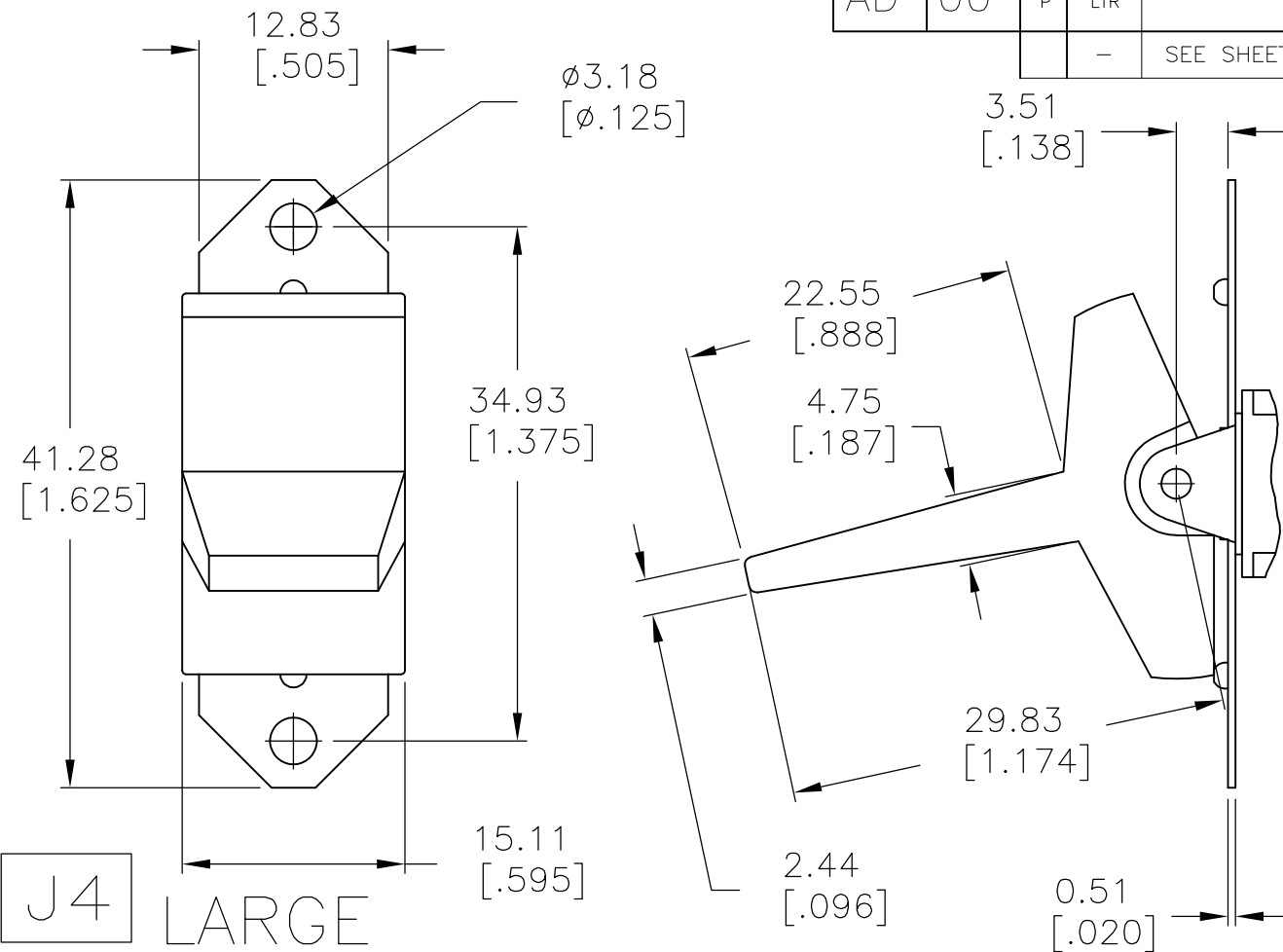
D



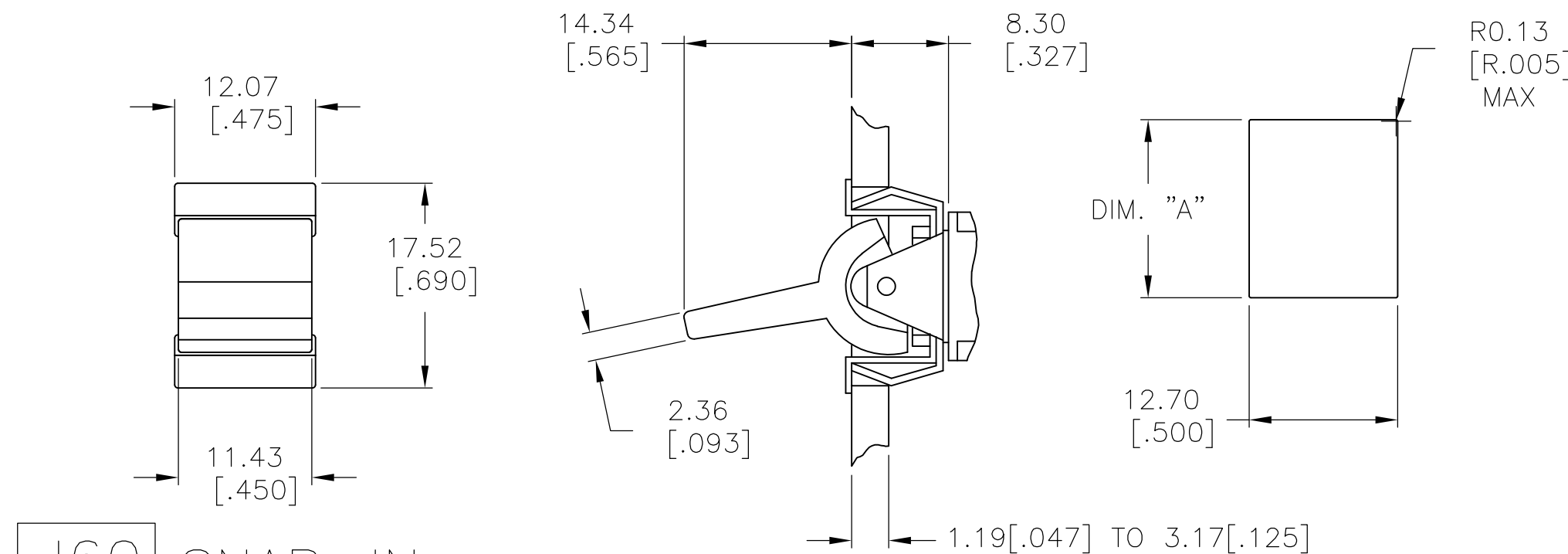
J2 SMALL



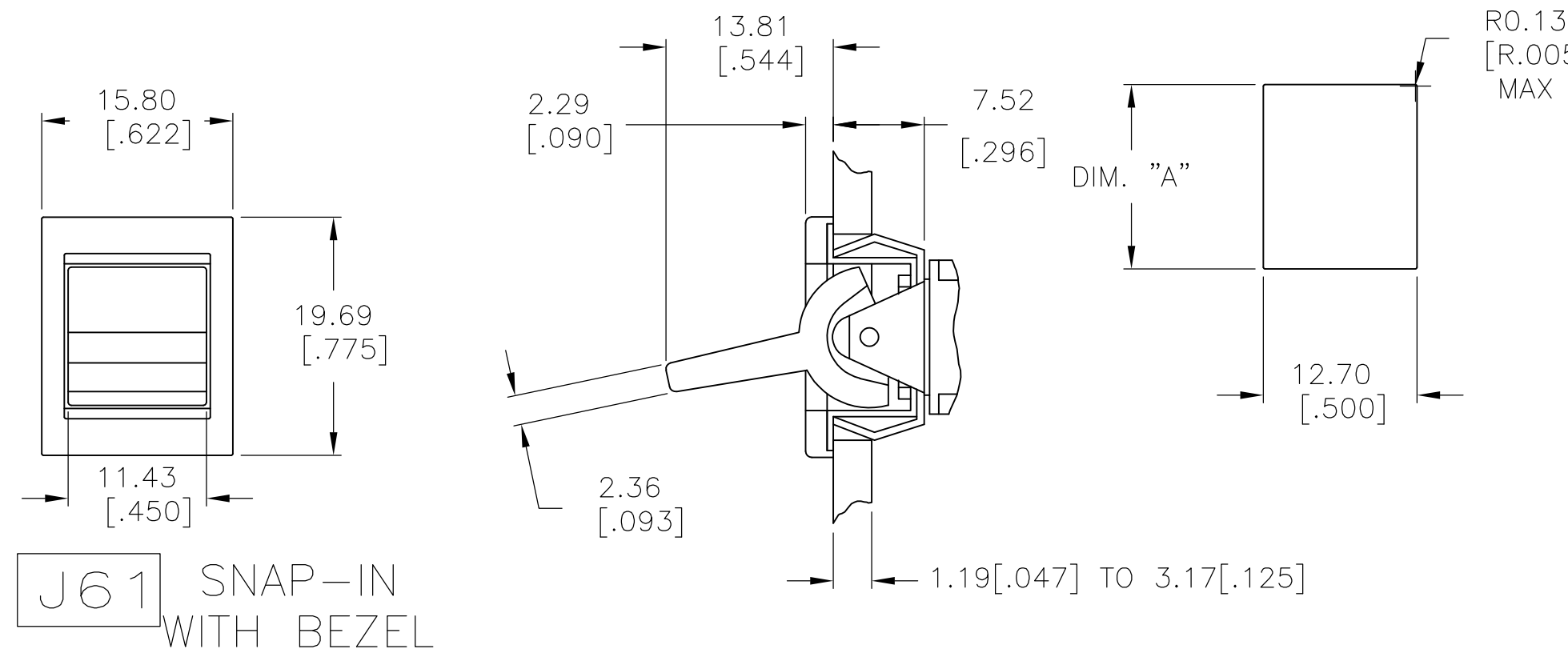
J4 LARGE



C

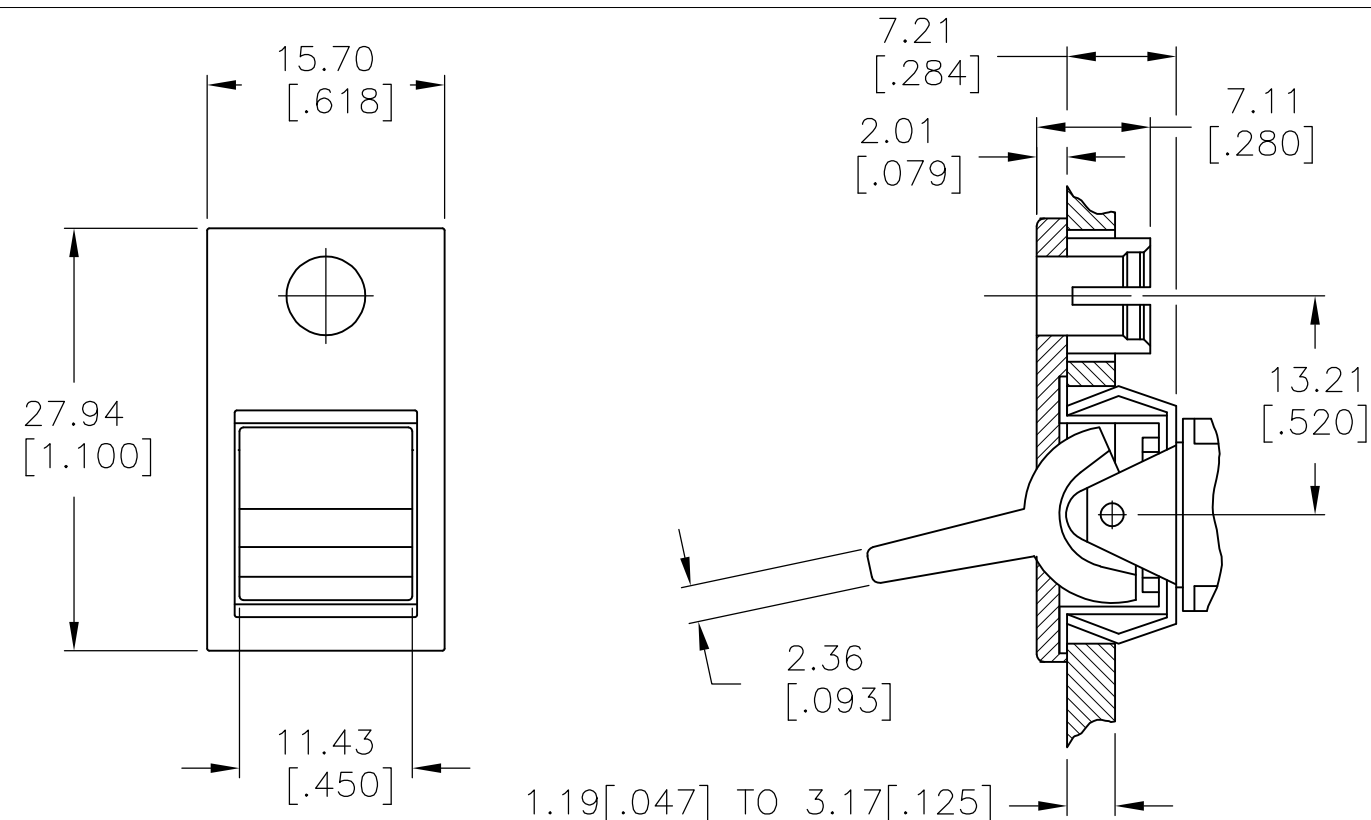


J60 SNAP-IN



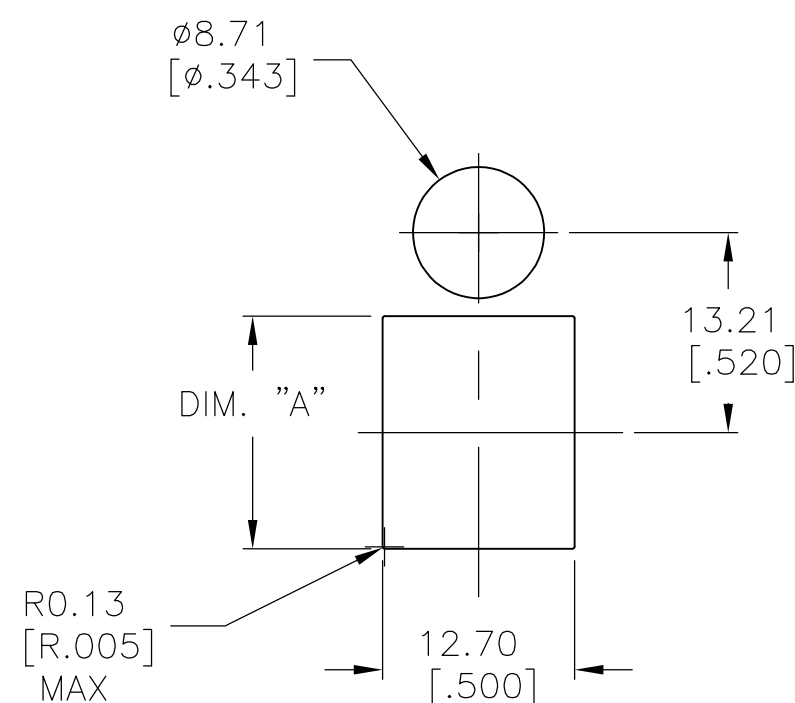
J61 SNAP-IN WITH BEZEL

B



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

NOTE: L.E.D. NOT SUPPLIED



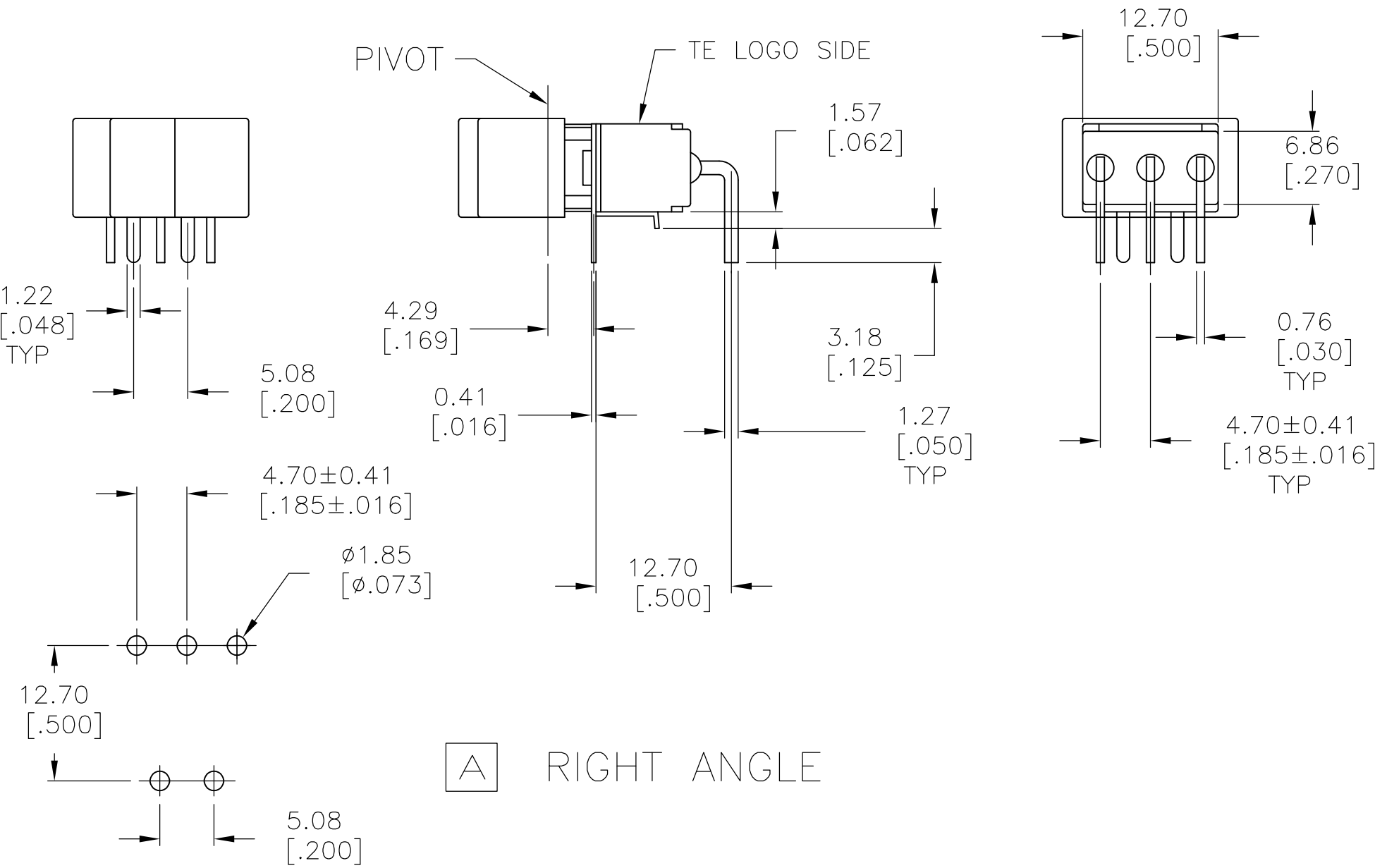
1.52 [.060] - 3.17 [.125]	15.75 [.620] - 15.87 [.625]
1.19 [.047] - 1.50 [.059]	15.72 [.619]
PANEL THICKNESS	DIM "A"

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

A

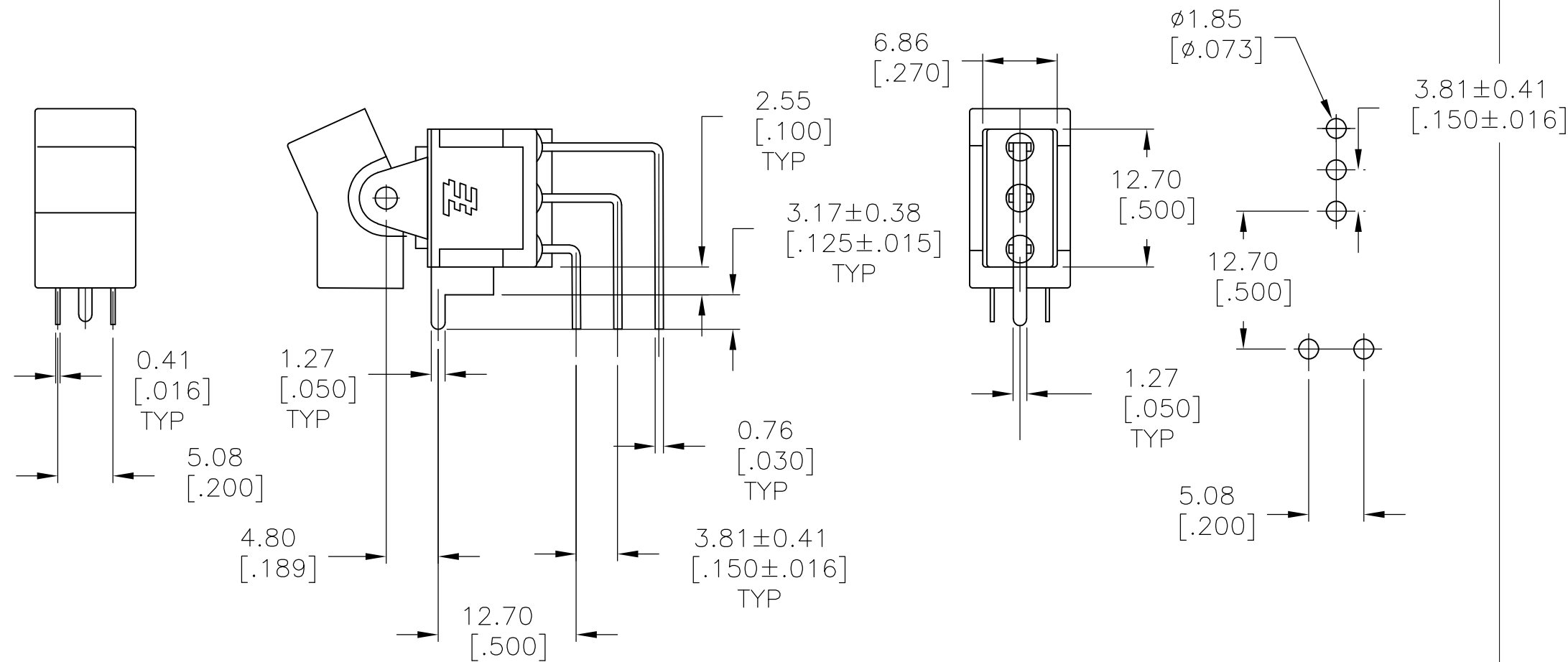
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00						
			—	SEE SHEET 1	—	—	—

D



C

B



A

V3 V4

VERTICAL SUPPORT BRACKET

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

V6 V7

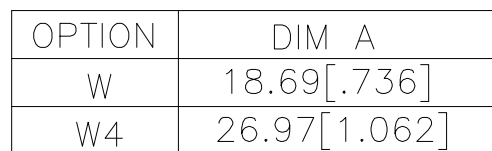
VERTICAL SUPPORT BRACKET

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

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		CHK M.ZITTO 06JAN05						
DIMENSIONS: mm [INCHES]		APVD M.ZITTO 06JAN05	NAME GEMINI A SERIES ROCKER SWITCH SINGLE POLE					
		PRODUCT SPEC —						
		APPLICATION SPEC —	SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO	
MATERIAL —		FINISH —	WEIGHT —	A2	00779	C-1571986		—
CUSTOMER DRAWING			SCALE	2:1	SHEET	4 of 5		REV A8



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	



W W4 WIRE WRAP



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

		NOT ASSIGNED	1571986-2
	PRELIMINARY	A101J1AB004	1571986-1
		ALCO P/N	P/N
IER	06JAN05	TE Connectivity	
O	06JAN05		
PEC	06JAN05	NAME	
N SPEC	-	GEMINI A SERIES ROCKER SWITCH SINGLE POLE	
	SIZE	CAGE CODE	DRAWING NO
	A2	00779	C-1571986
MER DRAWING		SCALE 2:1	SHEET 5 OF 5
		REV	A8

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
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A101J51ZQ2004	3-1571986-5
A101J51ZQ0004	3-1571986-4
A101J51ZB0004	3-1571986-3
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A101J51Z3G0004	3-1571986-0
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A101J50V3Q204	2-1571986-7
A101J50V3Q004	2-1571986-6
A101J50AV2Q004	2-1571986-5
A101J4ZQ804	2-1571986-4
A101J4ZB004	2-1571986-3
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