

4

3

2

1

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TE CONNECTIVITY LOGO

3

RATING

2A 250VAC

5A 120VAC

EPOXY SEAL

1

2

3

1.02

[.040]

DATE CODE

04-YEAR

01-WEEK

AND

COUNTRY

OF ORIGIN

6

4.83

[.190]

4.70±0.41

[.185±.016]

FUNCTION

ON

ON

ALCO

8.89

[.350]

1.52

[.060]

12.70

[.500]

11.43

[.450]

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

1

2

3

4

5

6

7

8

ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).

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.

TE CONNECTIVITY LOGO PER PER TEC-202-36.

SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13, & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 & 5.

DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.

PANEL MOUNT BRACKET SUPPLIED WITH TERMINALS W, Z AND Z3 ONLY.

ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

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.

DIMENSIONS:
mm [INCHES]

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 4°

MATERIAL -

FINISH -

DWN M.BINNER 06JAN05

CHK M.ZITTO 06JAN05

APVD M.ZITTO 06JAN05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

GEMINI A SERIES ROCKER SWITCH
DOUBLE POLE

SIZE A2

CAGE CODE 00779

DRAWING NO C-1571987

RESTRICTED TO -

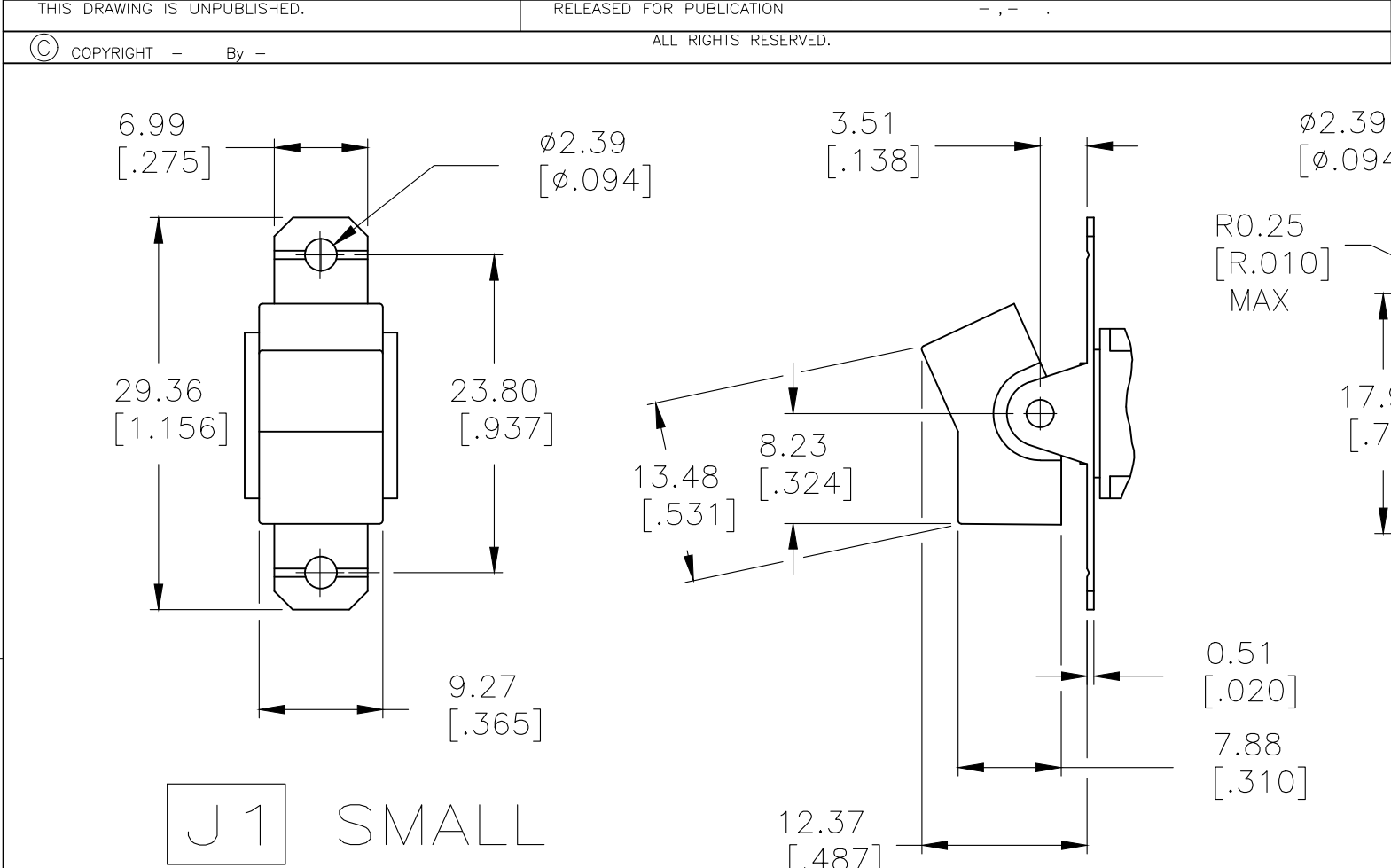
SCALE 2:1

SHEET 1 of 5

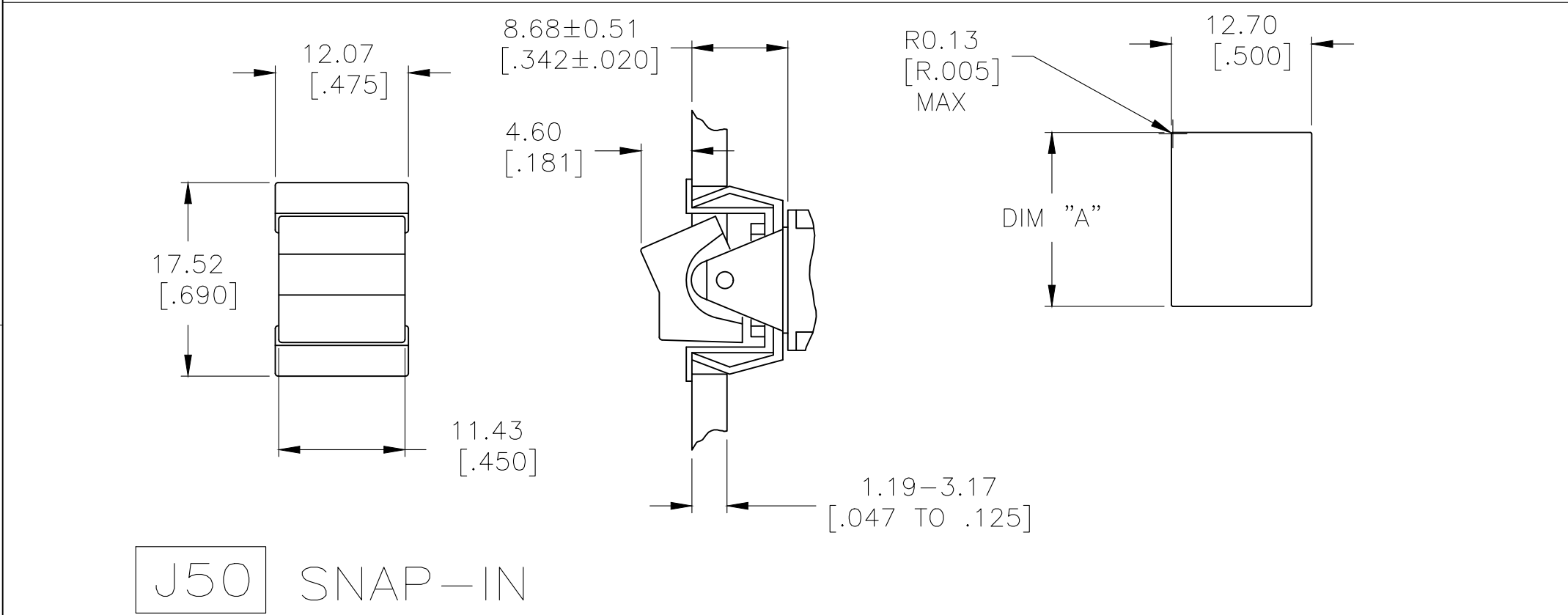
REV A8

1471-9 (1/15)

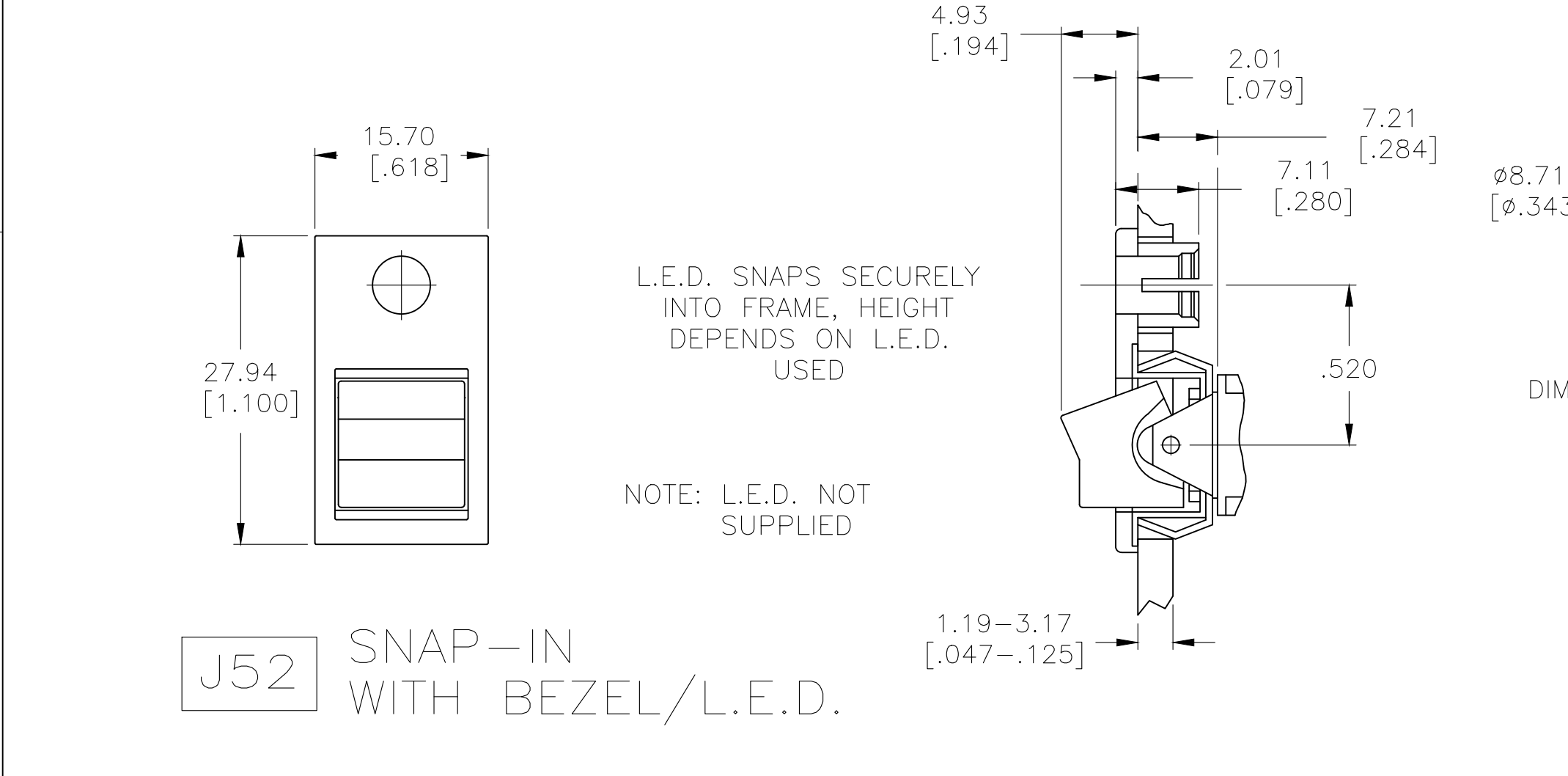
1571987



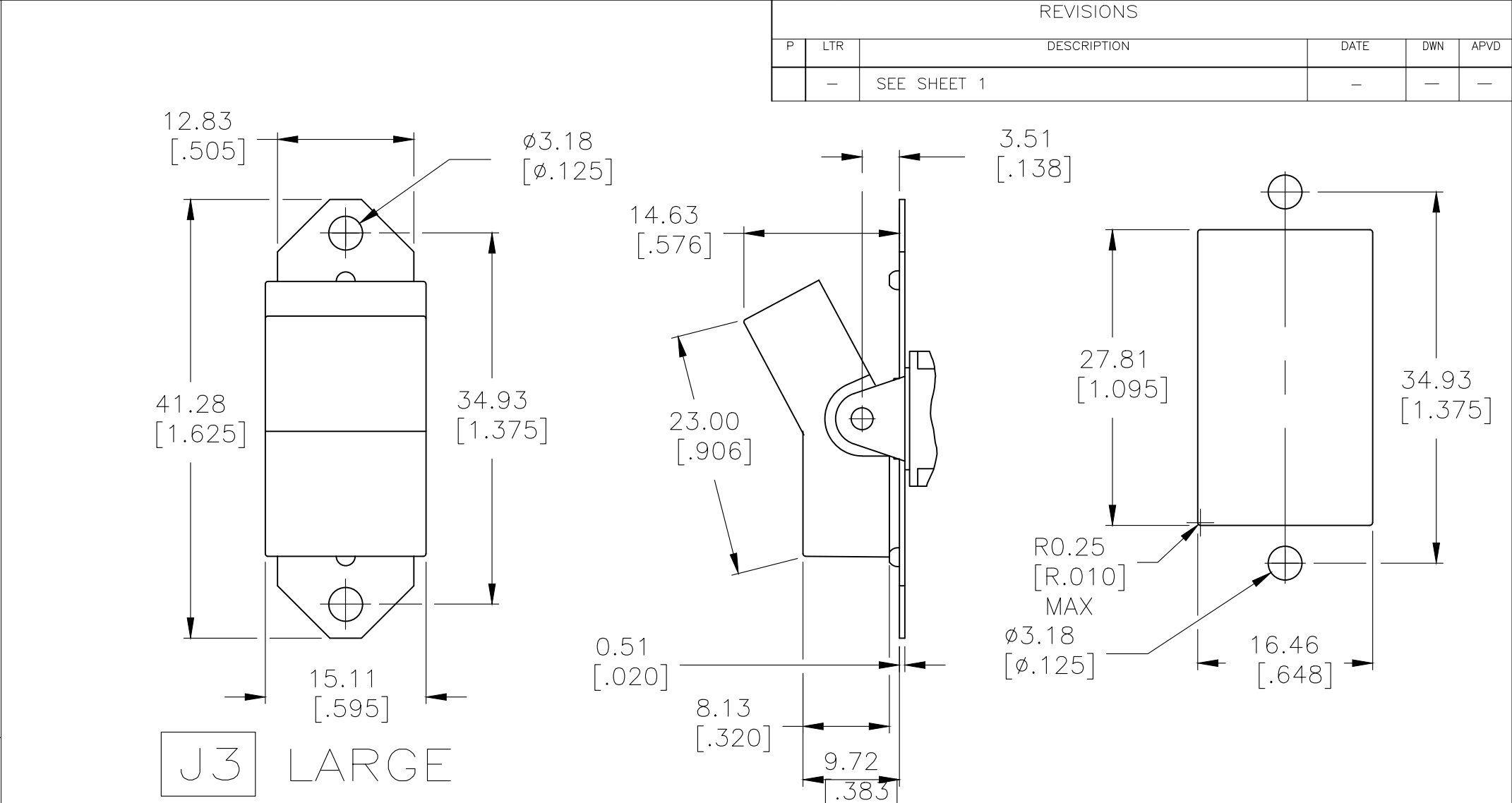
J1 SMALL



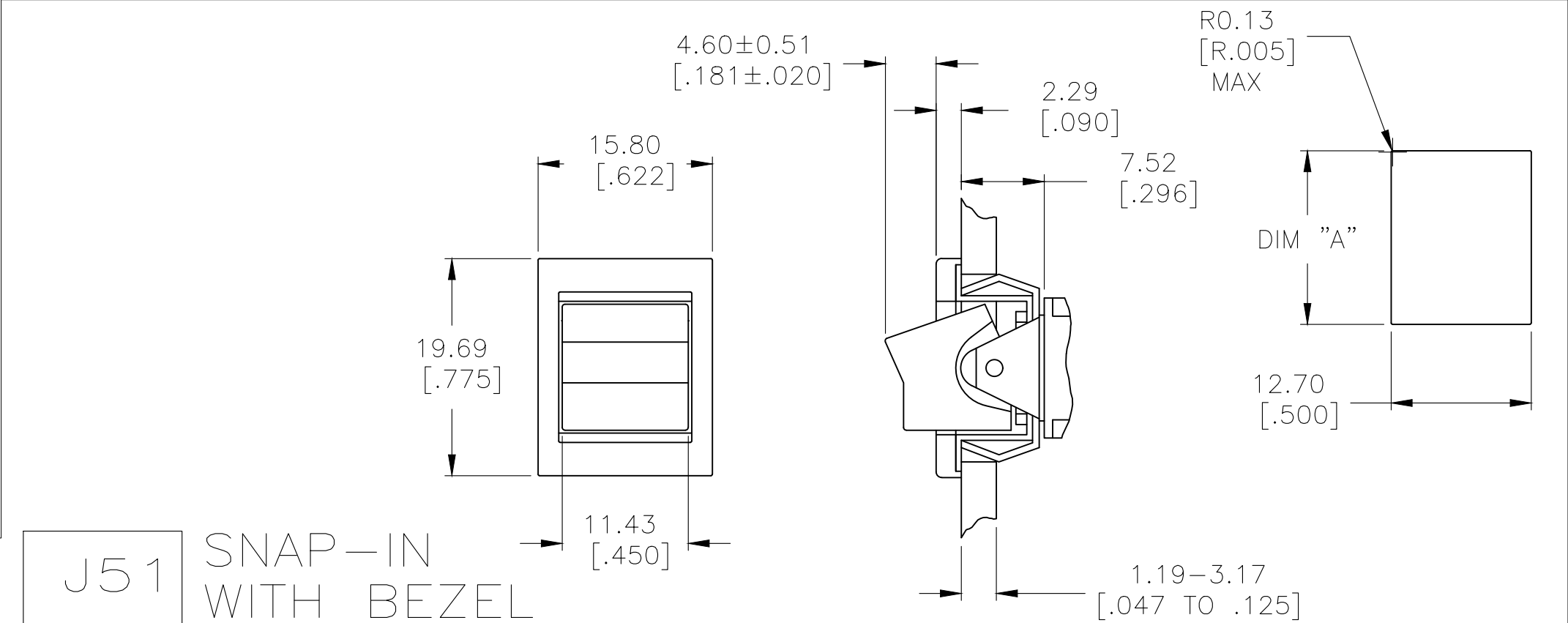
J50 SNAP-IN



J52 SNAP-IN WITH BEZEL/L.E.D.



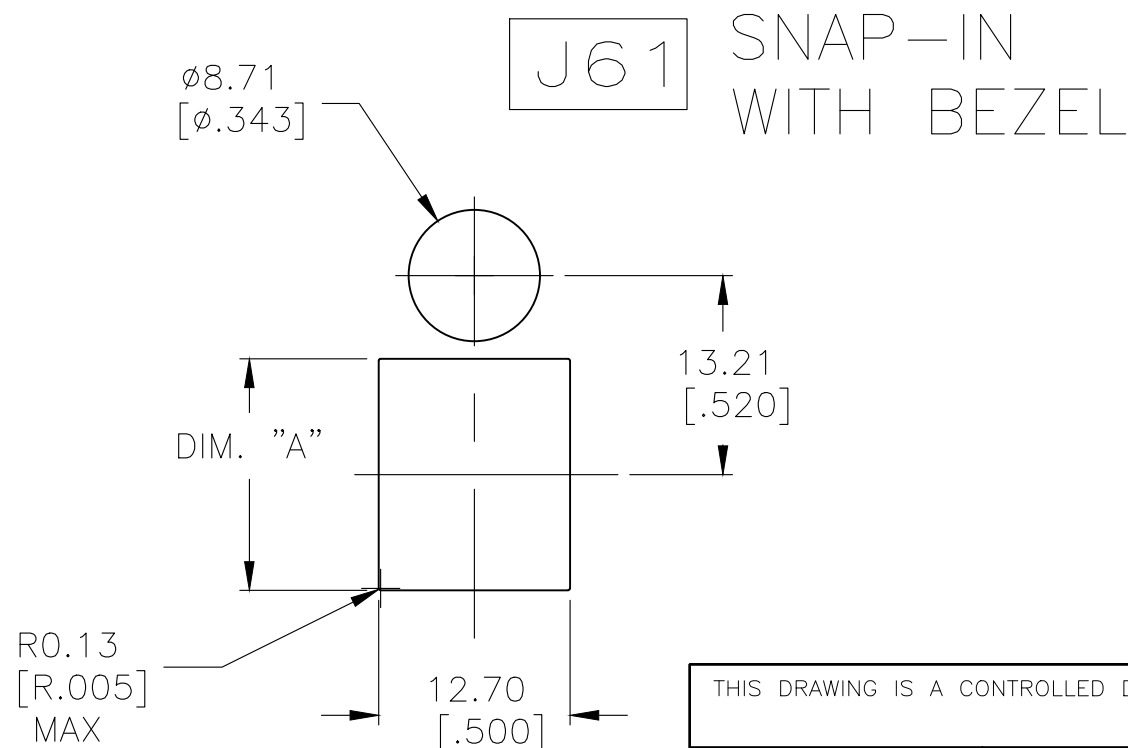
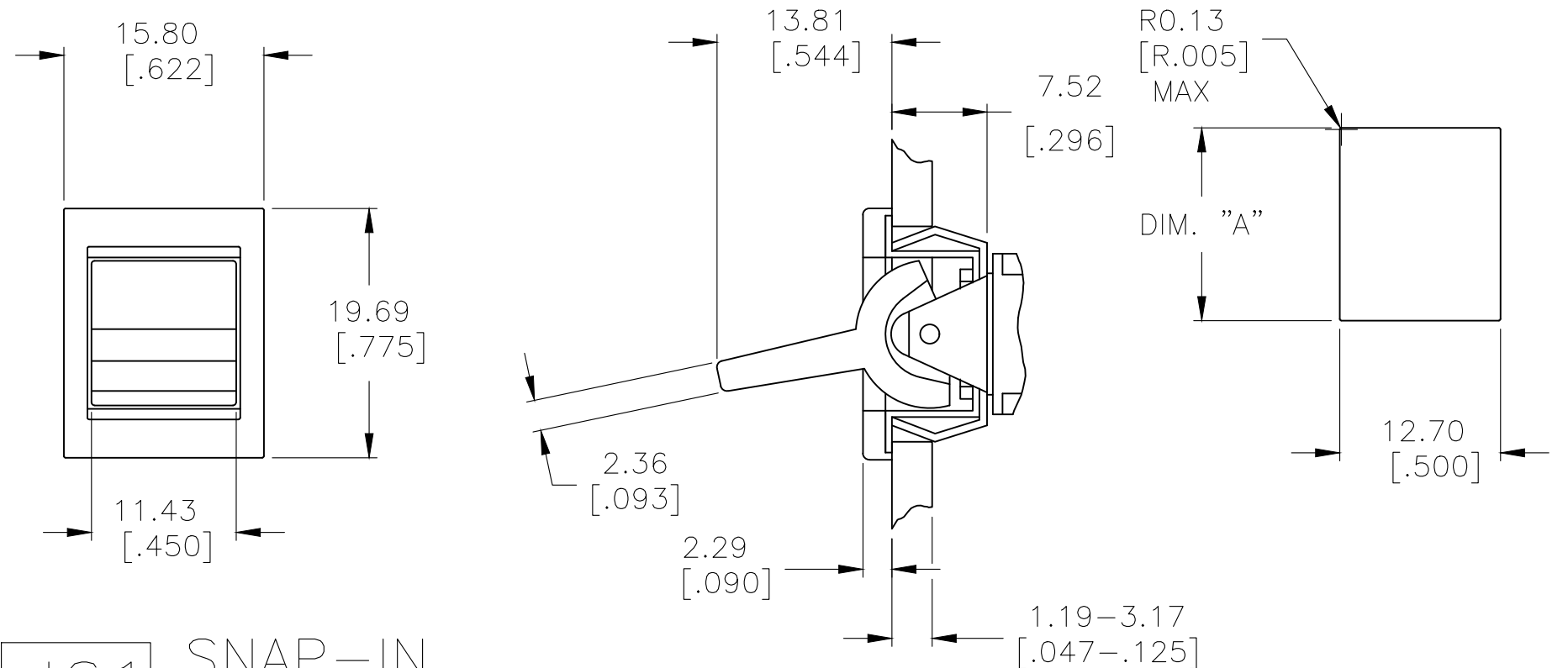
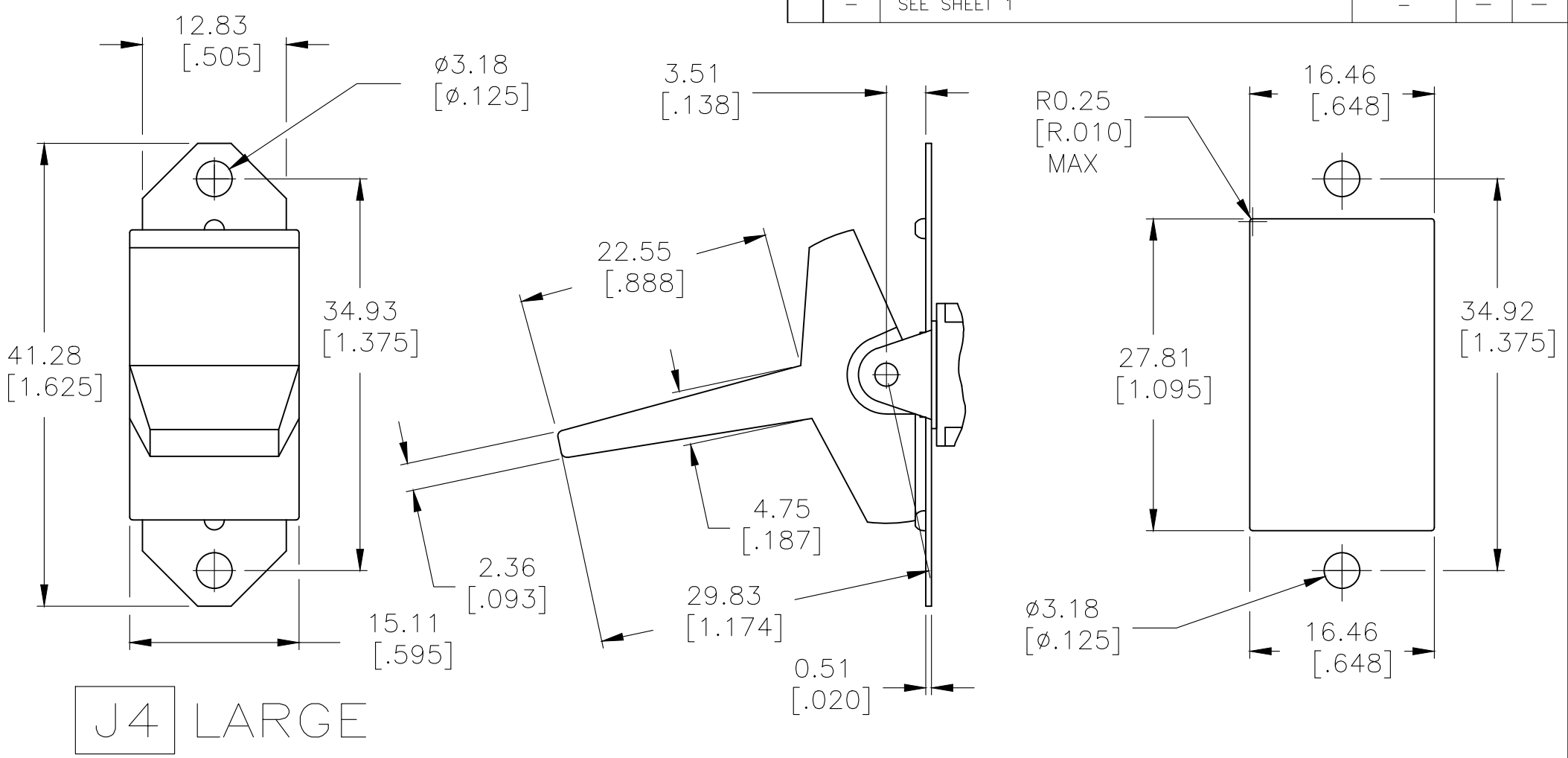
J3 LARGE



J51 SNAP-IN WITH BEZEL

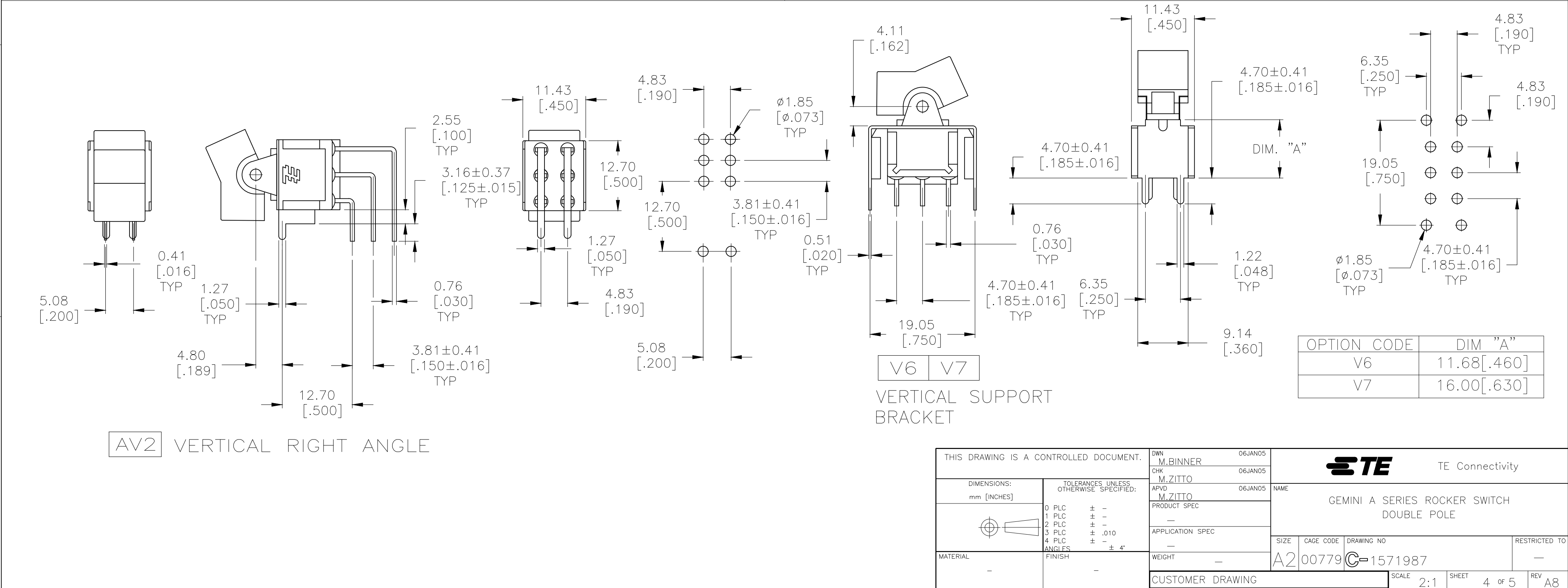
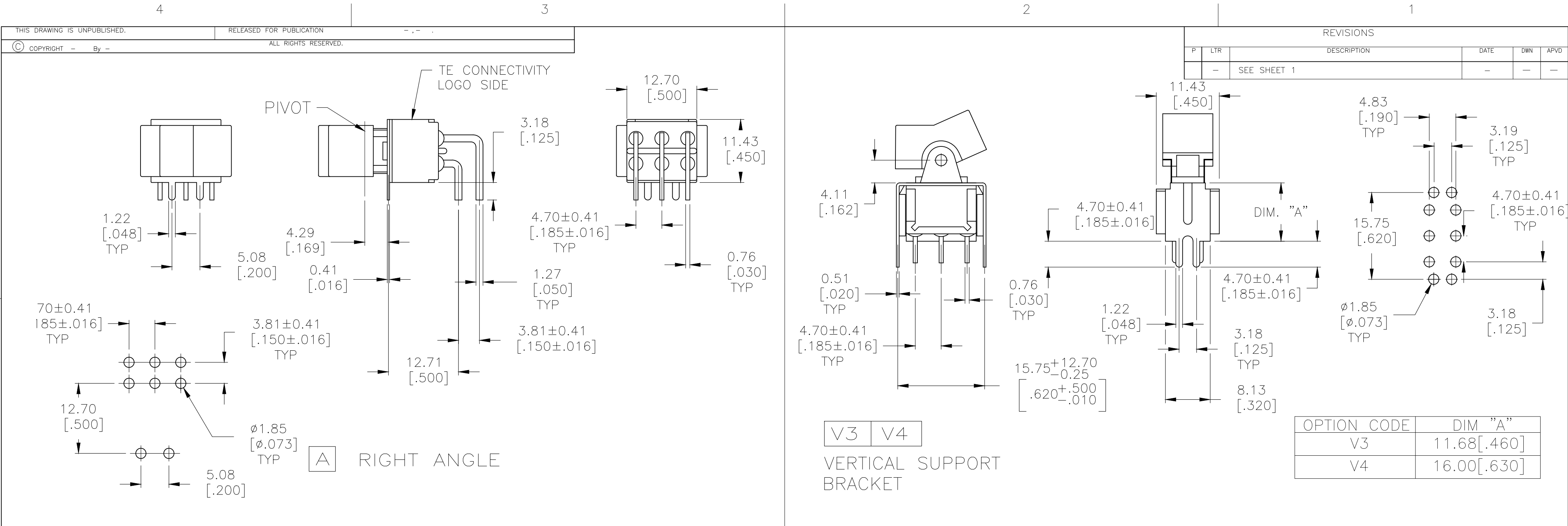
1.52-3.17 [.060-.125]	15.75-15.87 [.620-.625]
1.19-1.50 [.047-.059]	15.72 [.619]
PANEL THICKNESS	DIM "A"

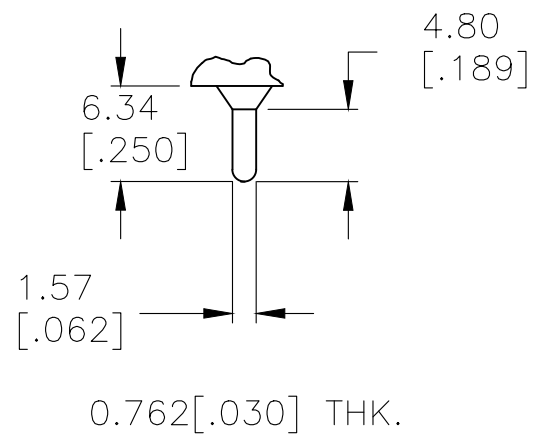
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	 TE Connectivity			
DIMENSIONS: mm [INCHES]		CHK M.ZITTO 06JAN05				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.ZITTO 06JAN05	NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE			
		PRODUCT SPEC —				
		APPLICATION SPEC —				
		WEIGHT —				
		CUSTOMER DRAWING				
MATERIAL —	FINISH —	SIZE A2		CAGE CODE 00779	DRAWING NO C=1571987	RESTRICTED TO —
		SCALE 2:1		SHEET 2 of 5		REV A8



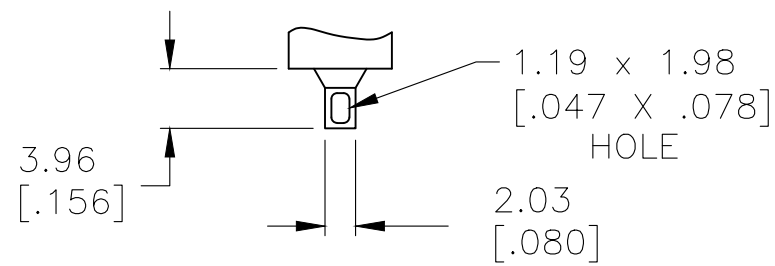
1.52-3.17[.060-.125]	15.75-15.87[.620-.625]
1.19-1.50[.047-.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER	06JAN05	 TE Connectivity	
		CHK M.ZITTO	06JAN05		
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME GEMINI A SERIES ROCKER SWITCH DOUBLE POLE	
		APVD M.ZITTO			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ± .4"		PRODUCT SPEC -			
MATERIAL -		FINISH -			
		APPLICATION SPEC -		SIZE A2	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C-1571987	
				RESTRICTED TO -	
				SCALE 2:1	
				SHEET 3 of 5	
				REV A8	





Z3 QUICK CONNECT



0.762[.030] THK.

Z WIRE LUG

Z WIRE LUG

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

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 ± —		GEMINI A SERIES ROCKER SWITCH DOUBLE POLE									
		1 PLC ± —											
		2 PLC ± —		PRODUCT SPEC —									
		3 PLC ± .010											
		4 PLC ± —		APPLICATION SPEC —									
		ANGLES ± 4°											
MATERIAL		FINISH		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
—		—		WEIGHT —		A2		00779		C-1571987			
CUSTOMER DRAWING								SCALE 2:1		SHEET 5 of 5		REV A8	

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