

4

3

2

1

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A7	REVISED PER ECO-17-001761	10MAY2017	RK	AS

TE LOGO

3

2A 250VAC

5A 120VAC

RATING

12.70±0.38

[.500±.015]

DATE CODE

04-YEAR

01-WEEK

AND

COUNTRY

OF ORIGIN

8

EPOXY SEAL

4.83

[.190]

11.43

[.450]

ON ON

ALCO

IP 67

FUNCTION

9.40

[.370]

10.39

[.409]

4.70±0.41

[.185±.016]

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 7

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

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4

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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 LOGO

SWITCHES MEET REQUIREMENTS OF IP67

PANEL MOUNT ACTUATOR PIVOT SUPPLIED WITH C, W, W4, Z & Z3 TERMINATIONS. PC MOUNT ACTUATOR PIVOT SUPPLIED WITH A, AV2, V3 & V4 TERMINATIONS

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

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

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

PART NUMBER SEQUENCE

MODEL	FUNCTION	TOGGLE	TERMINAL	CONTACT	ACTUATOR COLOR	ROHS
AE2						04
	01	J1	A	B	0 BLACK (STD)	
	03	J50	AV2	G	1 BROWN	
	05	J2	C	Q	2 RED	
	07	J60	V3		3 ORANGE	
	08		V4		4 YELLOW	
	11		W		5 GREEN	
	13		W4		6 BLUE	
	15		Z		8 GRAY	
			Z3		9 WHITE	

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DWN

M.BINNER

06JAN05

CHK

M.ZITTO

06JAN05

APVD

M.ZITTO

06JAN05

DIMENSIONS:

mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 4°

MATERIAL

-

FINISH

-

NAME

GEMINI AE SERIES ROCKER SWITCH

DOUBLE POLE

SIZE

A2

CAGE CODE

00779

DRAWING NO

C-1571989

RESTRICTED TO

-

CUSTOMER DRAWING

SCALE 2:1

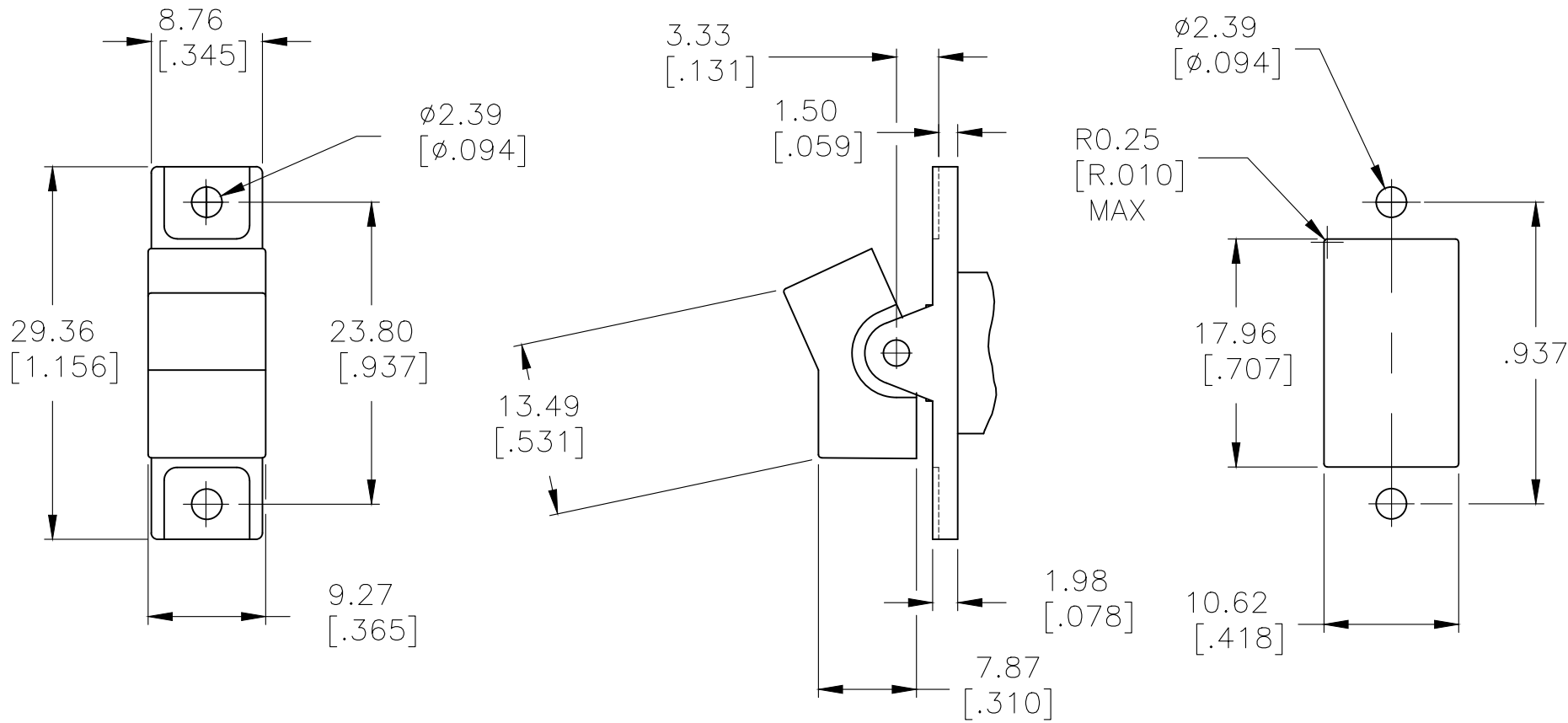
SHEET 1 OF 5

REV A7

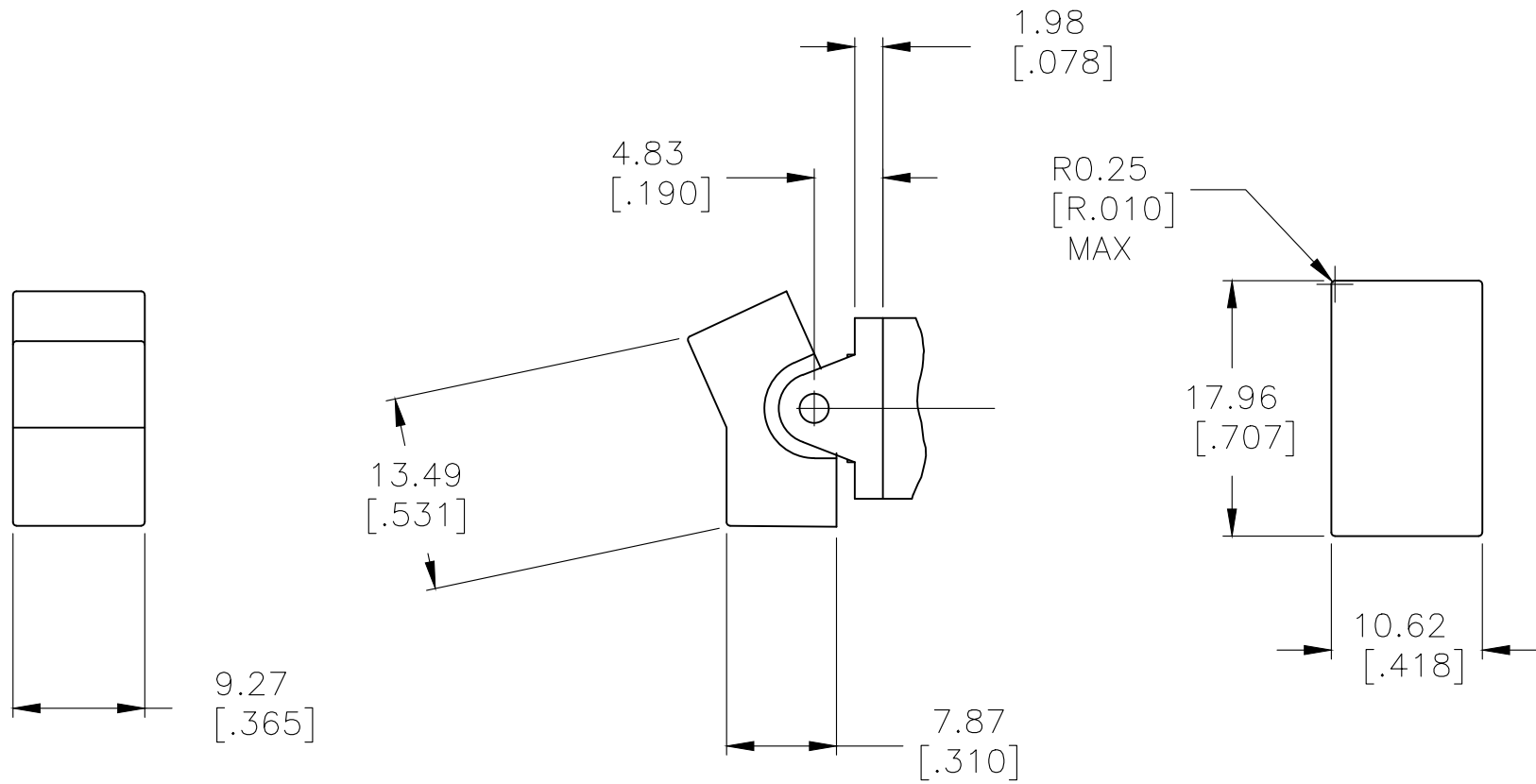
1471-9 (1/15)

1571989

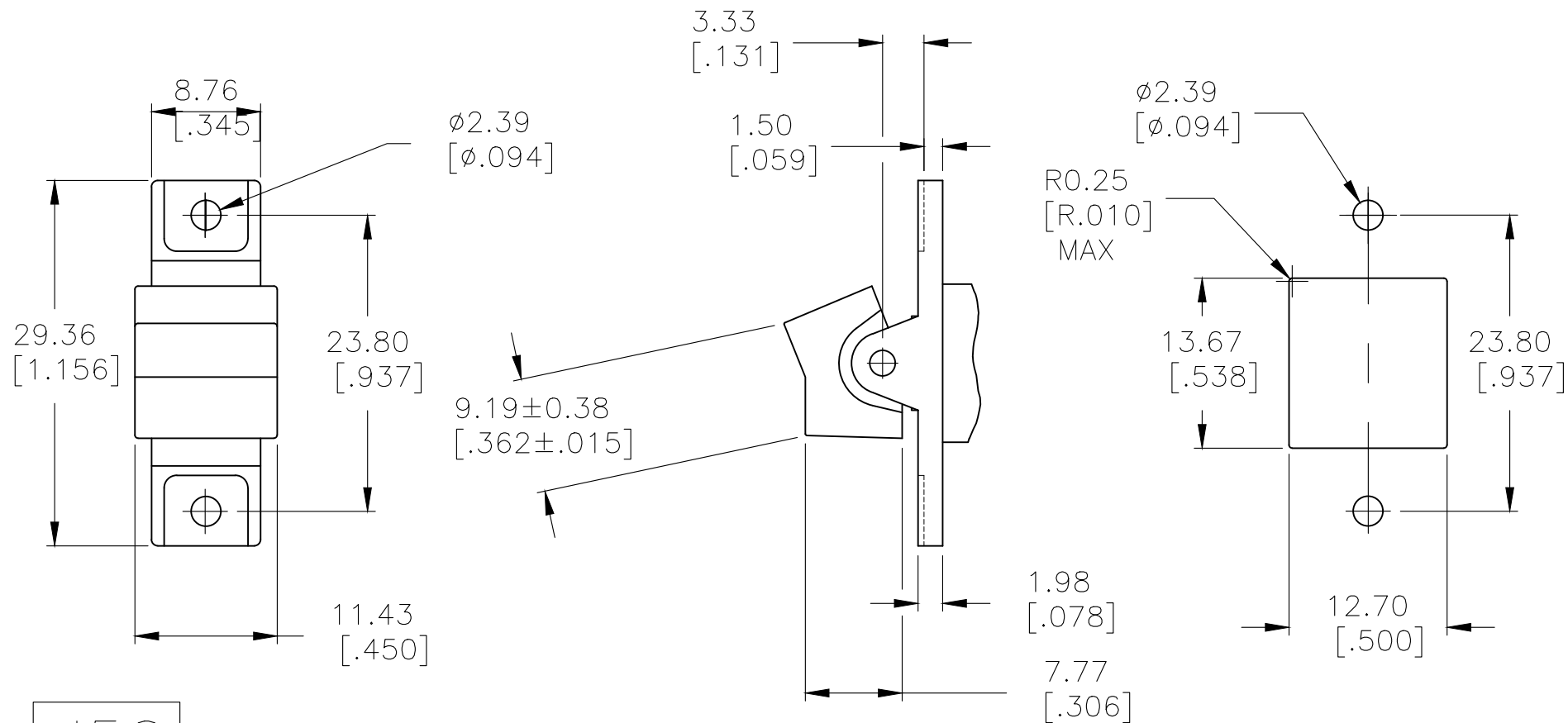
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



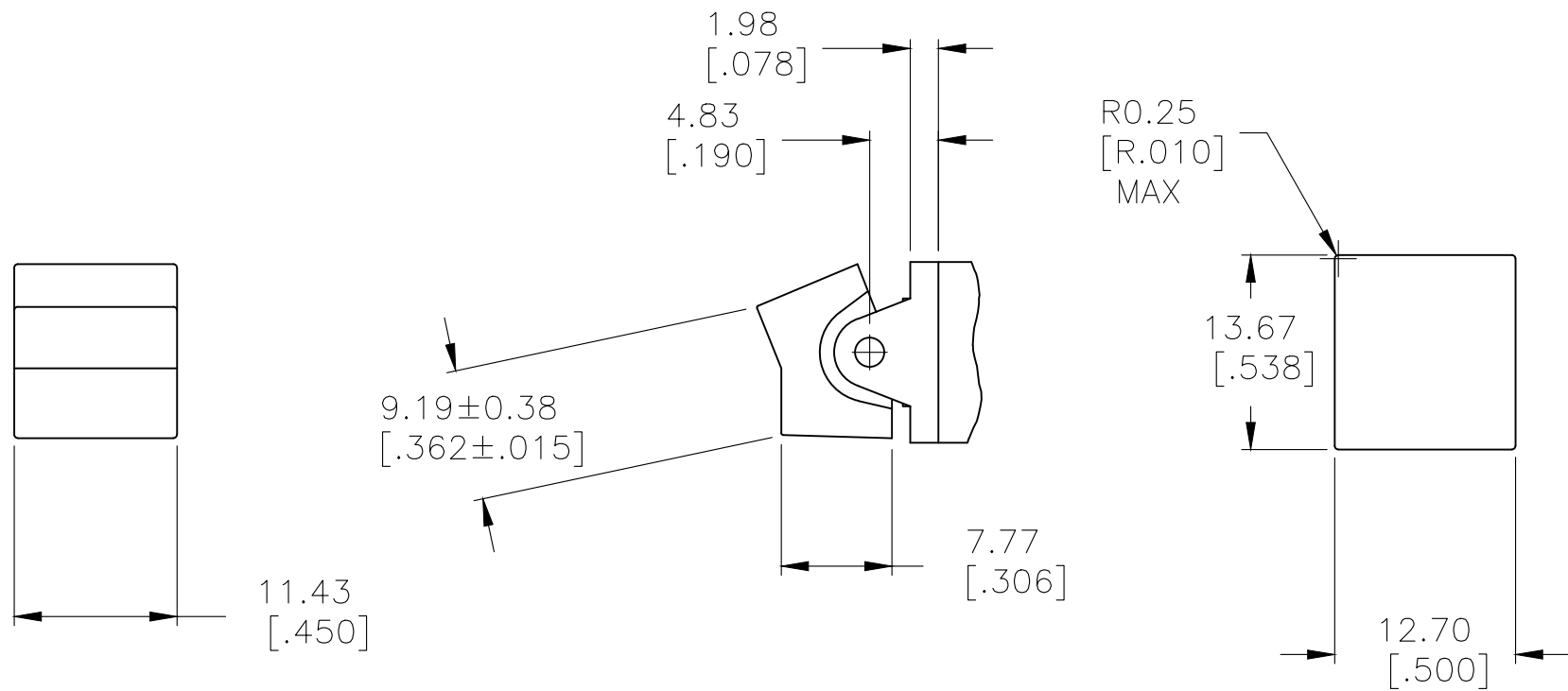
J1 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



J1 SHOWN WITH PC MOUNT ACTUATOR PIVOT



J50 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT

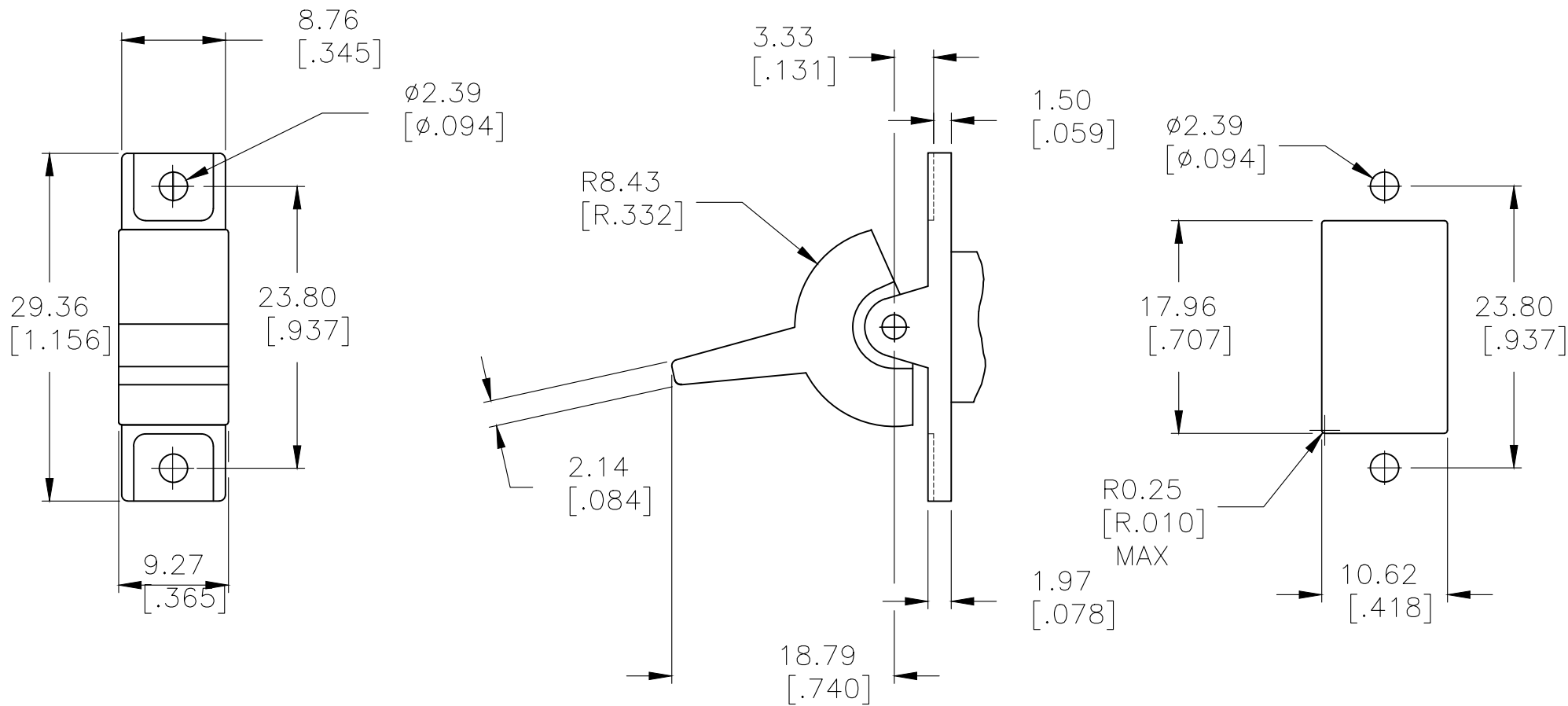


J50 SHOWN WITH PC MOUNT ACTUATOR PIVOT

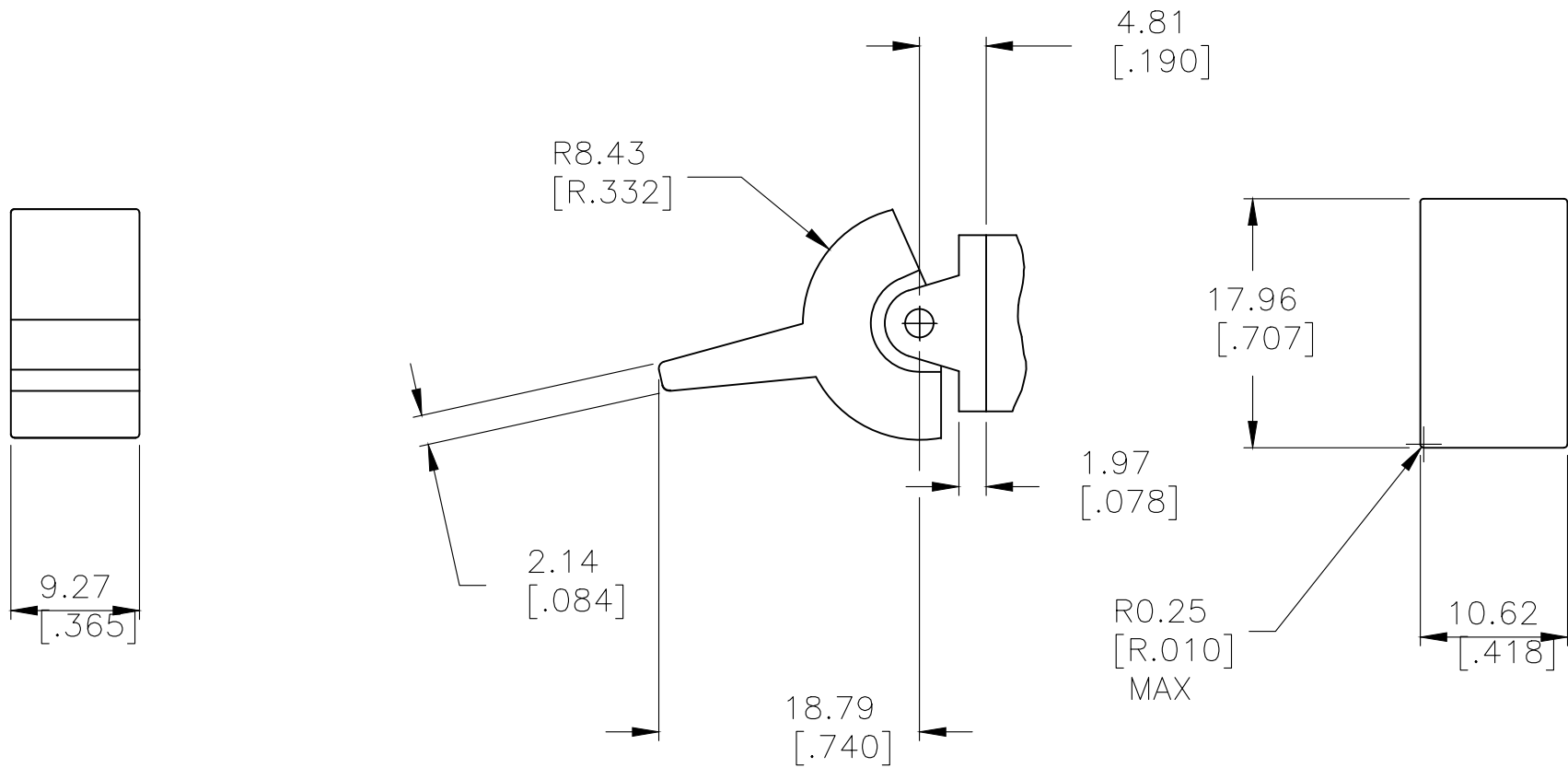
1.52-3.17 [.060-.125]	15.75-15.87 [.620-.625]
1.19-1.50 [.047-.059]	15.72 [.619]
PANEL THICKNESS	DIM "A"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK M.ZITTO 06JAN05		
		APVD M.ZITTO 06JAN05	NAME GEMINI AE SERIES ROCKER SWITCH DOUBLE POLE	
		PRODUCT SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE A2	
0 PLC ± -		WEIGHT -	CAGE CODE 00779	DRAWING NO 1571989
1 PLC ± -		CUSTOMER DRAWING	SCALE 2:1	SHEET 2 OF 5
2 PLC ± -			REV A7	
3 PLC ± .010				
4 PLC ± -				
ANGLES ± 4°				
FINISH -				

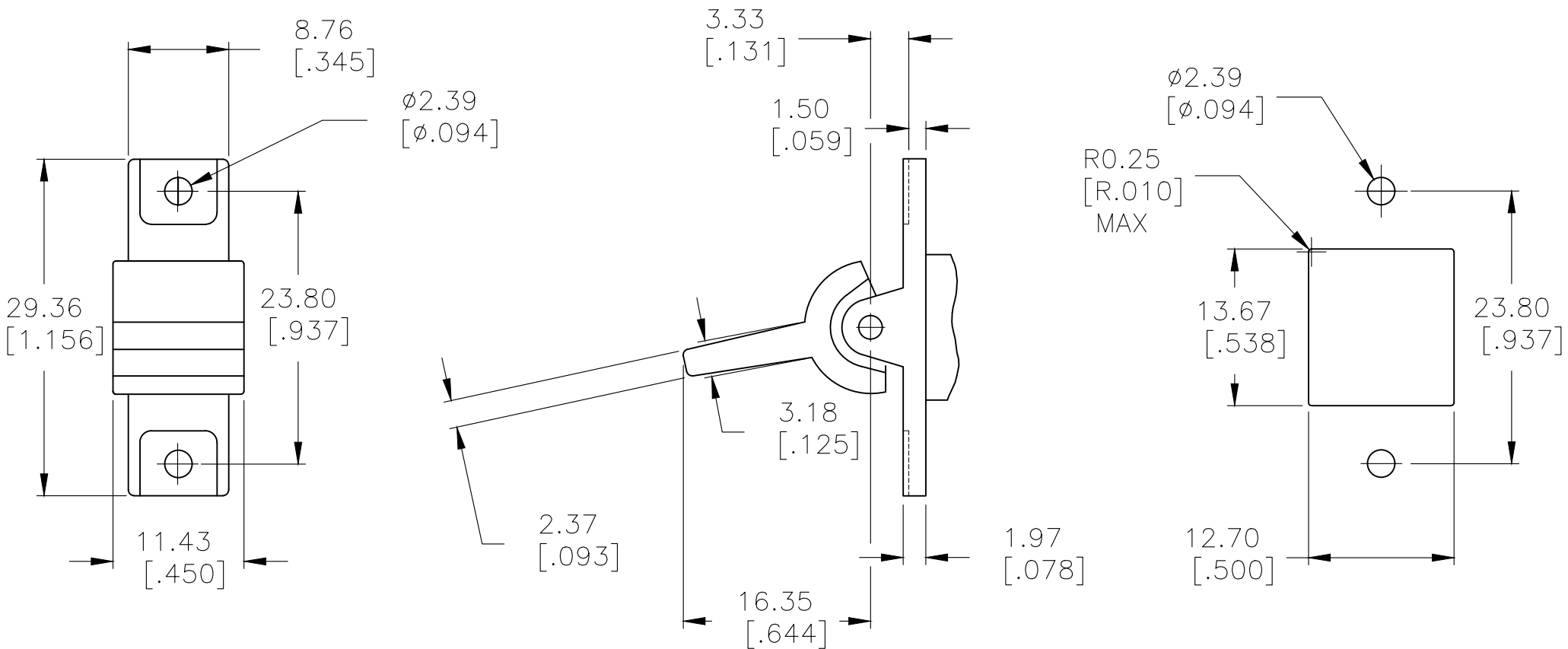
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



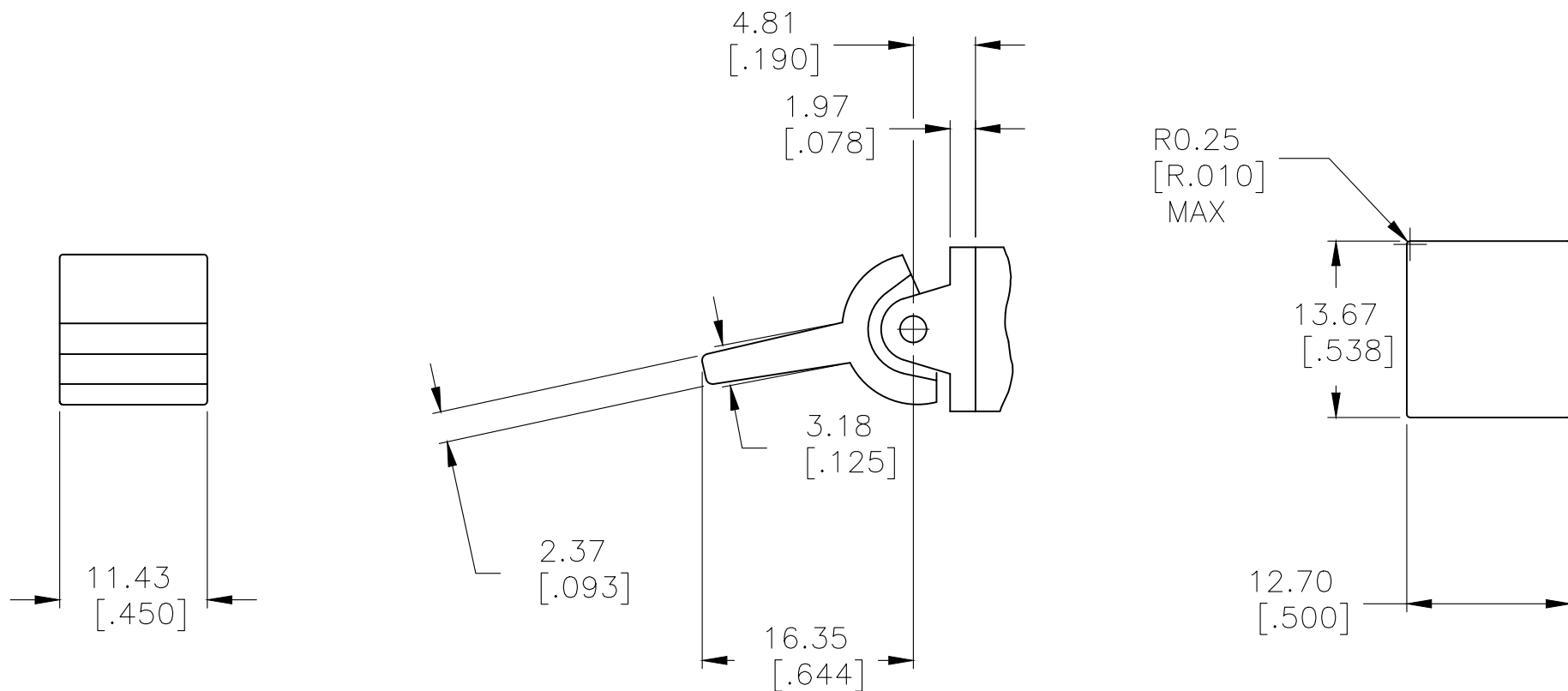
J2 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



J2 SHOWN WITH PC MOUNT ACTUATOR PIVOT



J60 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT

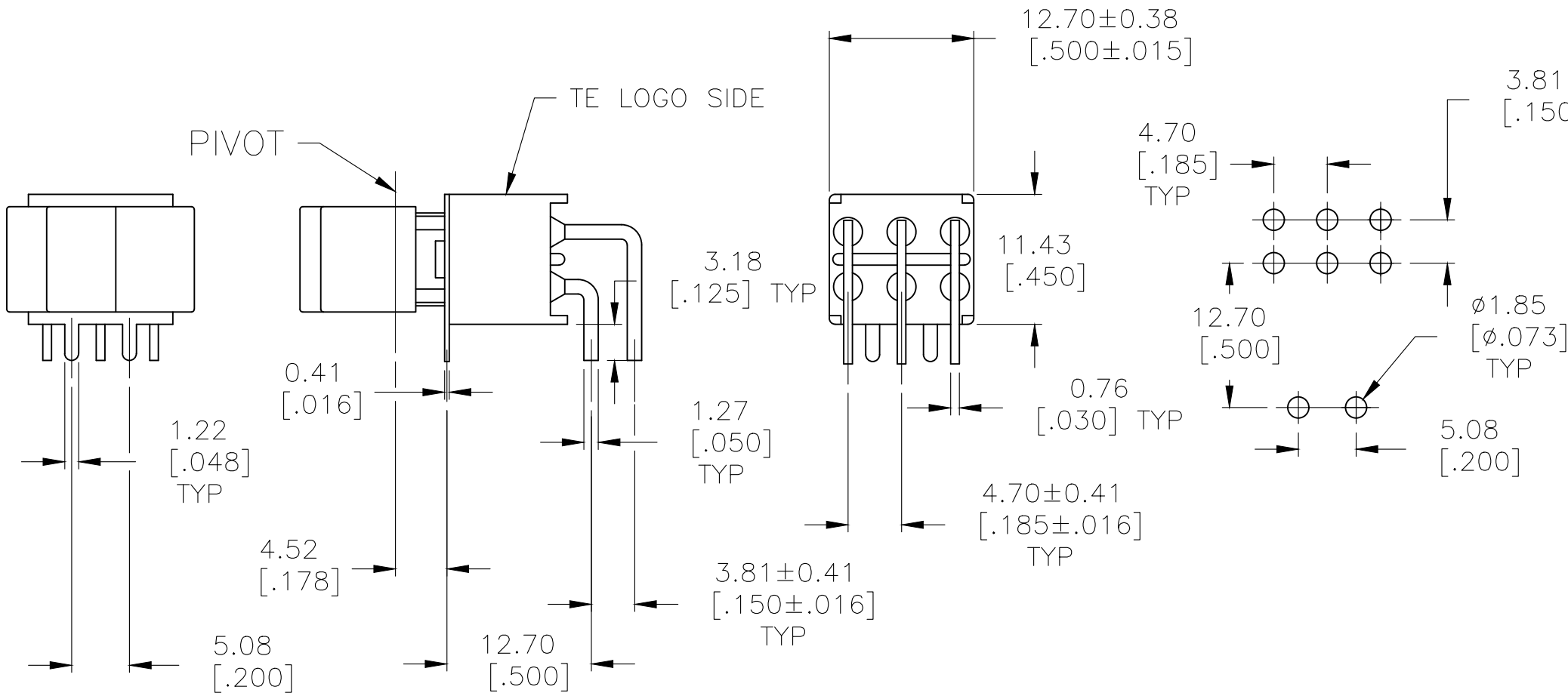


J60 SHOWN WITH PC MOUNT ACTUATOR PIVOT

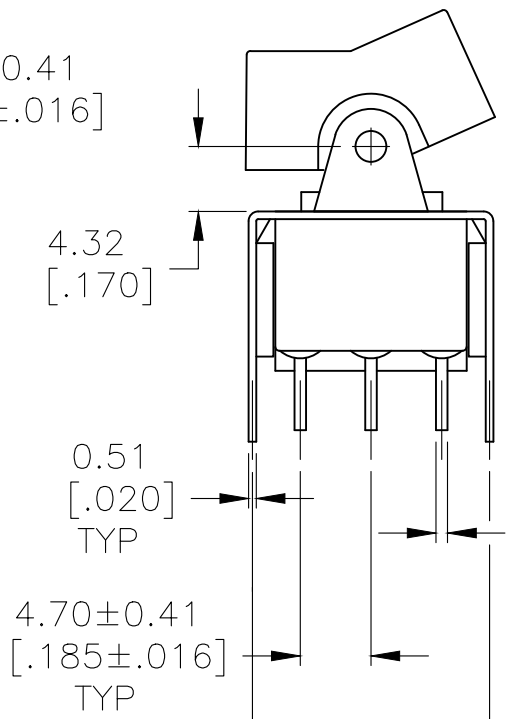
1.52-3.17 [.060-.125]	15.75-15.87 [.620-.625]
1.19-1.50 [.047-.059]	15.72 [.619]
PANEL THICKNESS	DIM "A"

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 AE SERIES ROCKER SWITCH DOUBLE POLE —			
	0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± — ANGLES ± 4°		PRODUCT SPEC —					
	—		APPLICATION SPEC —					
	—		—					
MATERIAL —	FINISH —		WEIGHT —		SIZE A2	CAGE CODE 00779	DRAWING NO C=1571989	RESTRICTED TO —
CUSTOMER DRAWING						SCALE 2:1	SHEET 3 of 5	REV A7

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

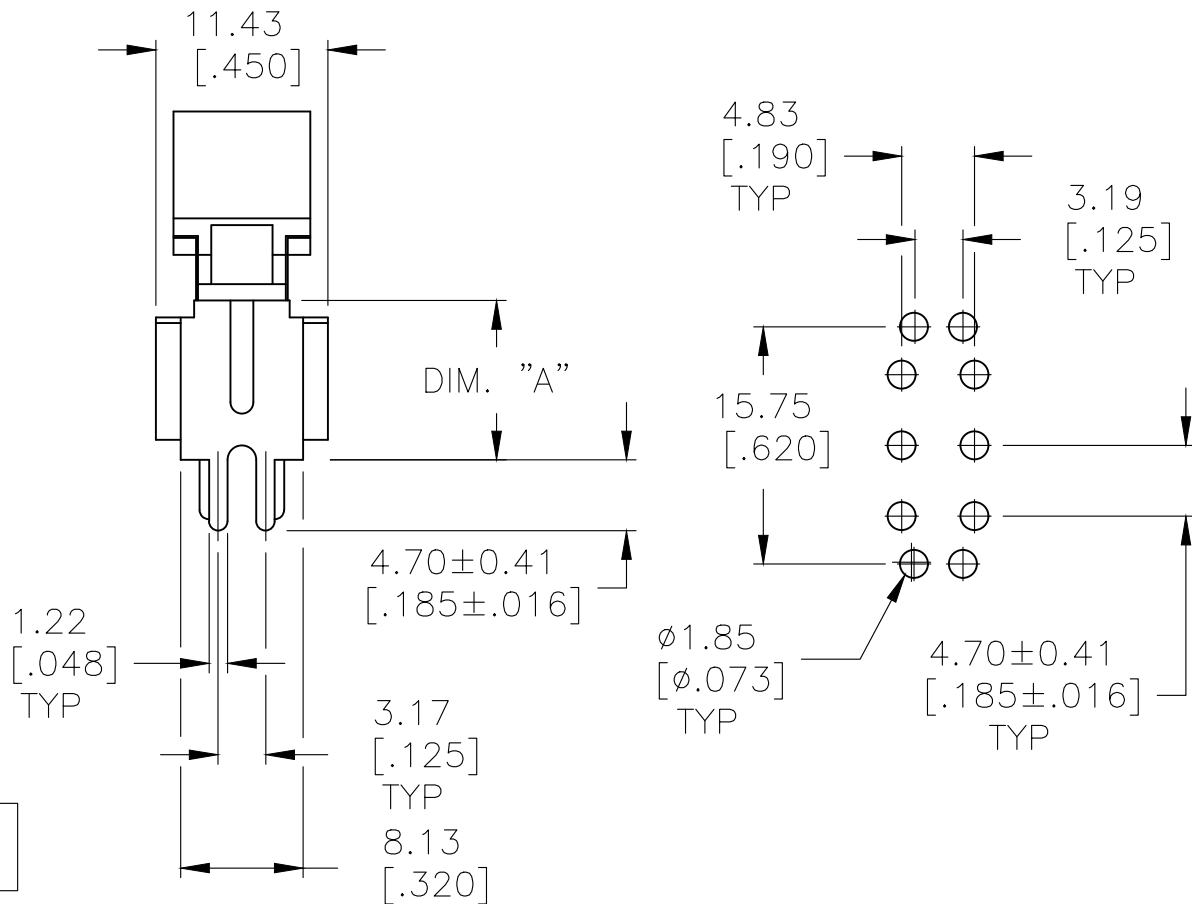


A RIGHT ANGLE

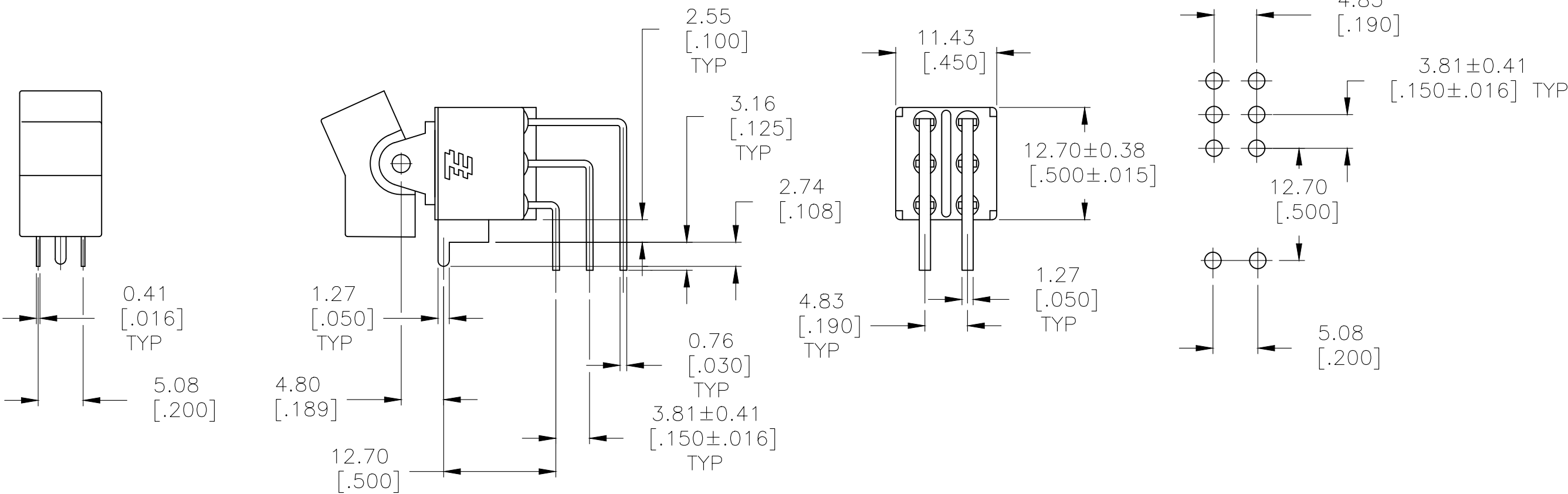


V3 V4

VERTICAL SUPPORT BRACKET



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



AV2 VERTICAL RIGHT ANGLE

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	GEMINI AE SERIES ROCKER SWITCH DOUBLE POLE	
1 PLC ± -		APPLICATION SPEC	-	
2 PLC ± -		WEIGHT	RESTRICTED TO	
3 PLC ± .010		SCALE	SHEET	
4 PLC ± -		CUSTOMER DRAWING	REV	
ANGLES ± 4°		2:1	4 OF 5	
MATERIAL		FINISH	A2 00779 C=1571989	
-		-	A7	

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