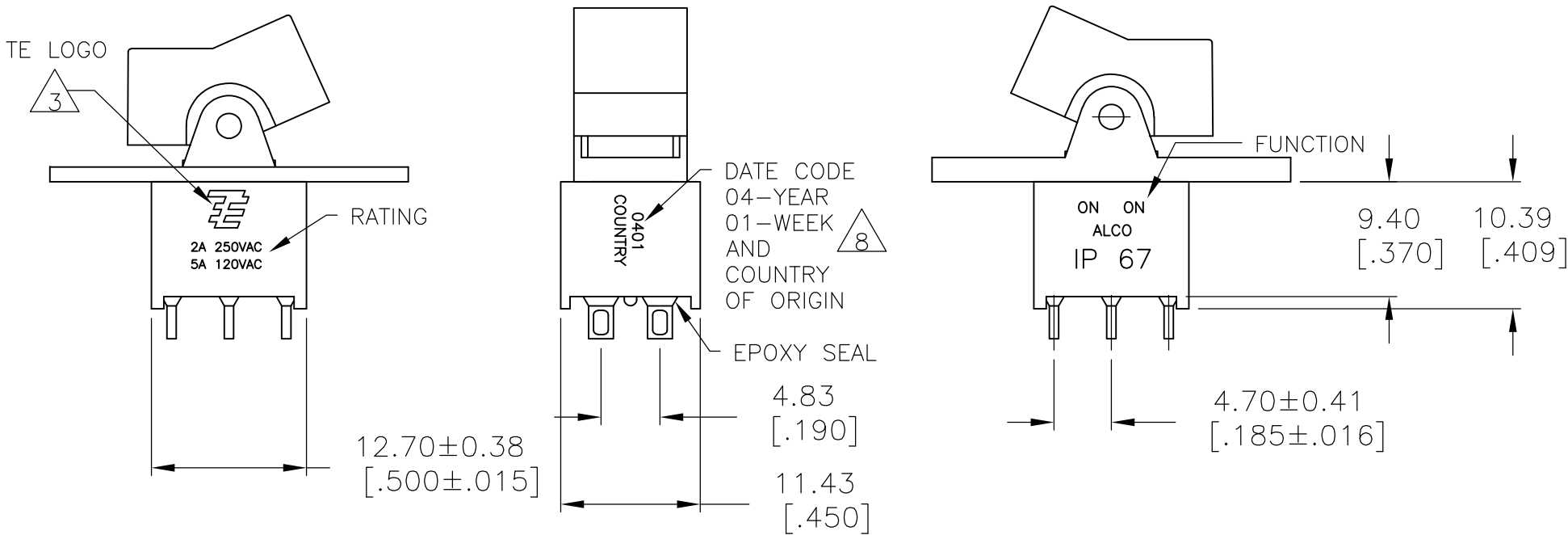


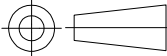
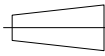
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A6	REVISED PER ECO-14-005988	23APR2014	NK	RH



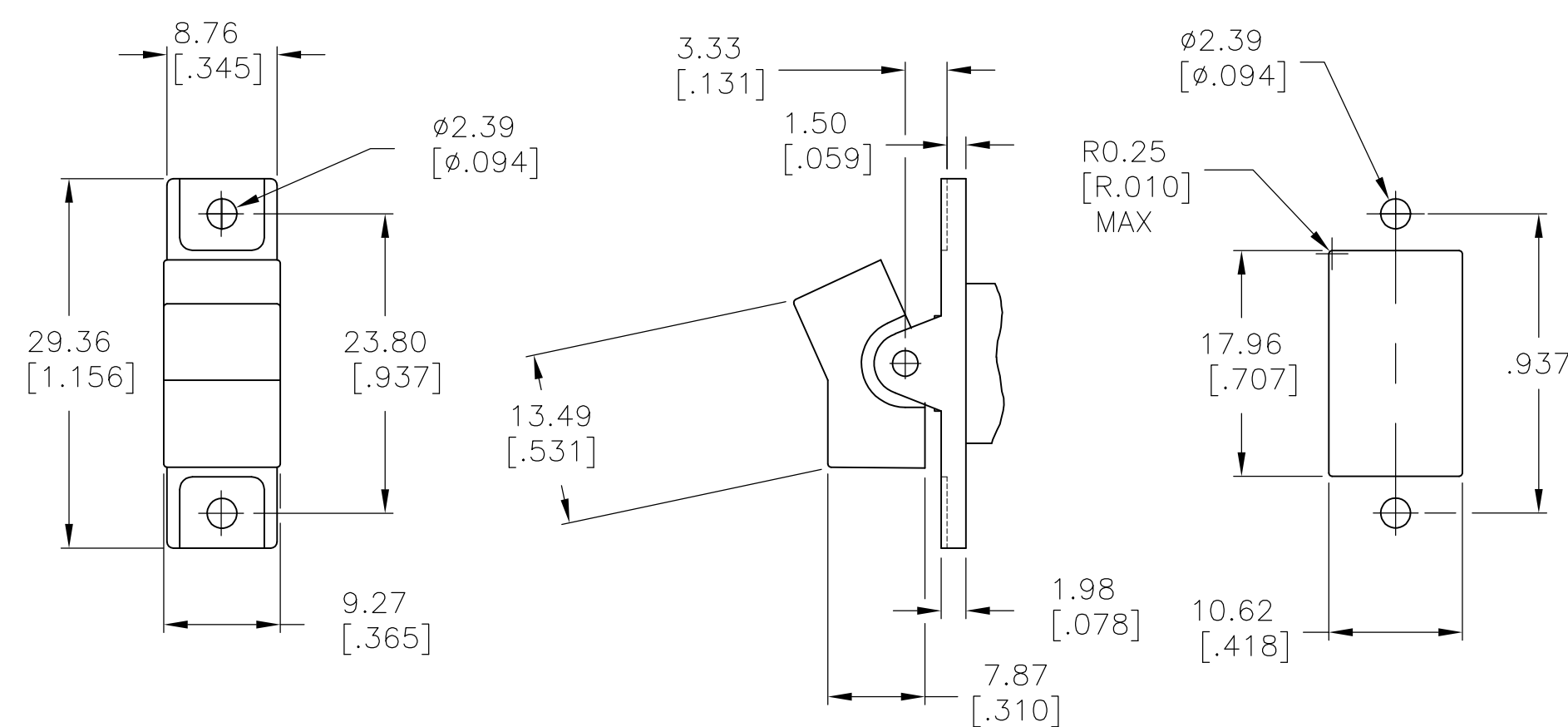
FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5
11	ON	ON	ON
13	ON	ON	(ON)
15	(ON)	ON	(ON)
TERMINALS CONNECTED	2-3, 5-6	2-3, 4-5	1-2, 4-5
SP3T SCHEMATIC (11, 13 & 15 ONLY) NOTE 7			
	IN 2, OUT 6	IN 2, OUT 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)
RATING, Q CONTACTS	2A @250 VAC (RESISTIVE)
	5A @120 VAC OR 28 VDC (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

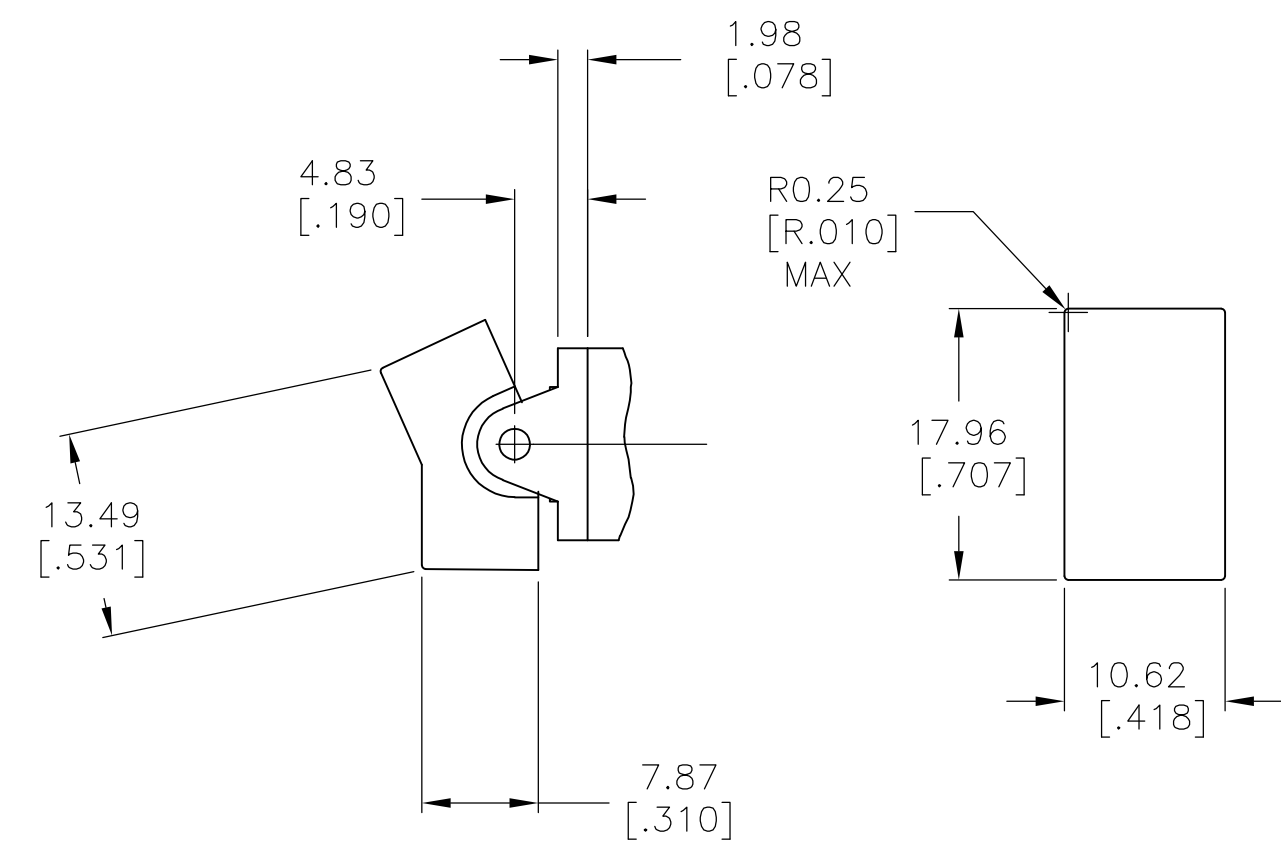
- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 2 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER LEVEL SWITCHING. IF SWITCH IS USED AT LEVELS EXCEEDING .4VA @ 20V AC/DC, SWITCH IS RENDERED FOR POWER SWITCHING ONLY DUE TO ARC REMOVAL OF GOLD PLATING. RATING MARKED ON THE SWITCH IS 2A 250VAC, 5A 120VAC.
- 3 TE LOGO
- 5 SWITCHES MEET REQUIREMENTS OF IP67
- 6 PANEL MOUNT ACTUATOR PIVOT SUPPLIED WITH C, W, W4, Z & Z3 TERMINATIONS. PC MOUNT ACTUATOR PIVOT SUPPLIED WITH A, AV2, V3 & V4 TERMINATIONS
- 7 SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13 & 15 BY CUSTOMER APPLIED JUMPER BETWEEN TERMINALS 3 AND 5.
- 8 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 9 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					
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 ± .010 4 PLC ± - ANGLES ± 4°		APVD M.ZITTO	06JAN05	NAME GEMINI AE SERIES ROCKER SWITCH DOUBLE POLE				
				PRODUCT SPEC						
		APPLICATION SPEC								
MATERIAL	FINISH	WEIGHT	—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
—	—	—	A2 00779		C=1571989		—			
CUSTOMER DRAWING					SCALE	2:1	SHEET	1 OF 5	REV	A6

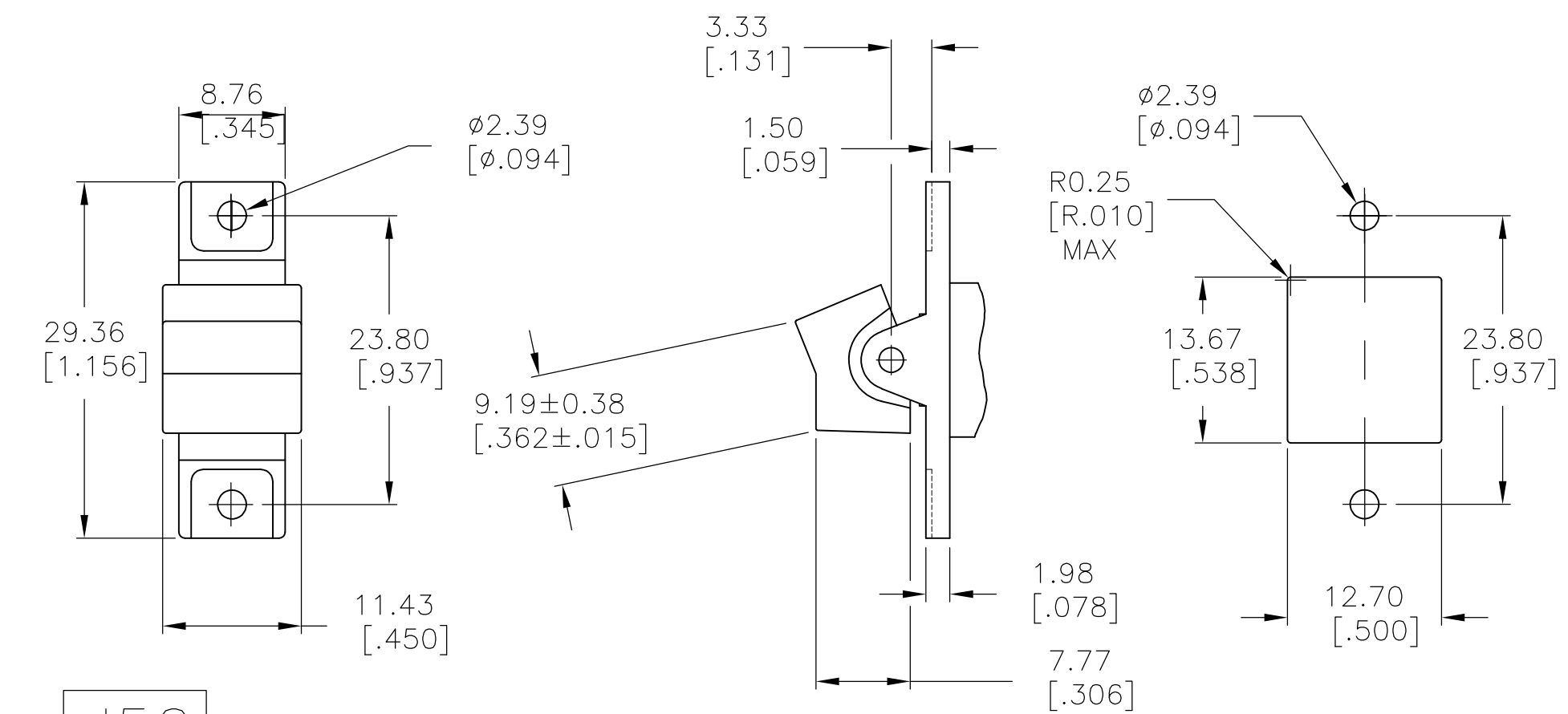
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00						
			-	SEE SHEET 1	-	-	-



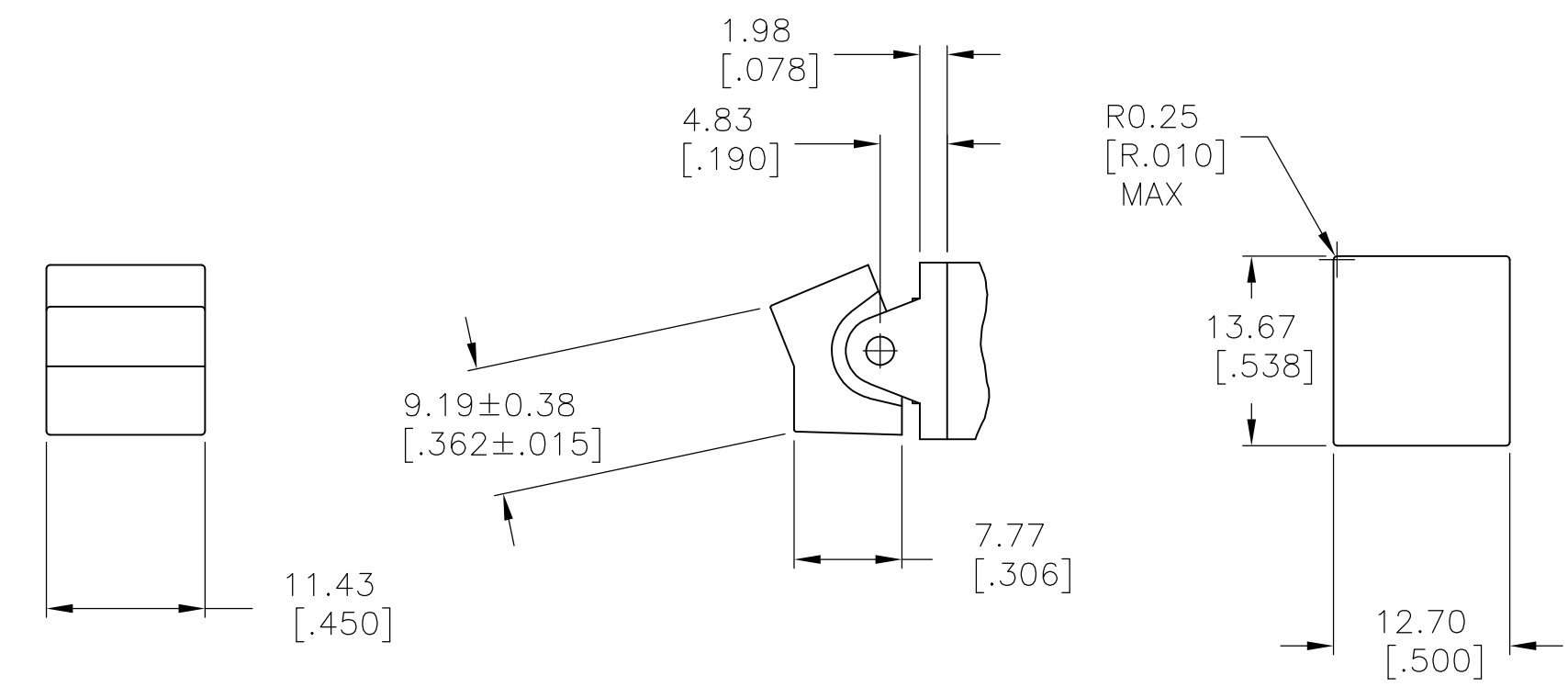
△ SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



△ SHOWN WITH PC MOUNT ACTUATOR PIVOT



△ SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



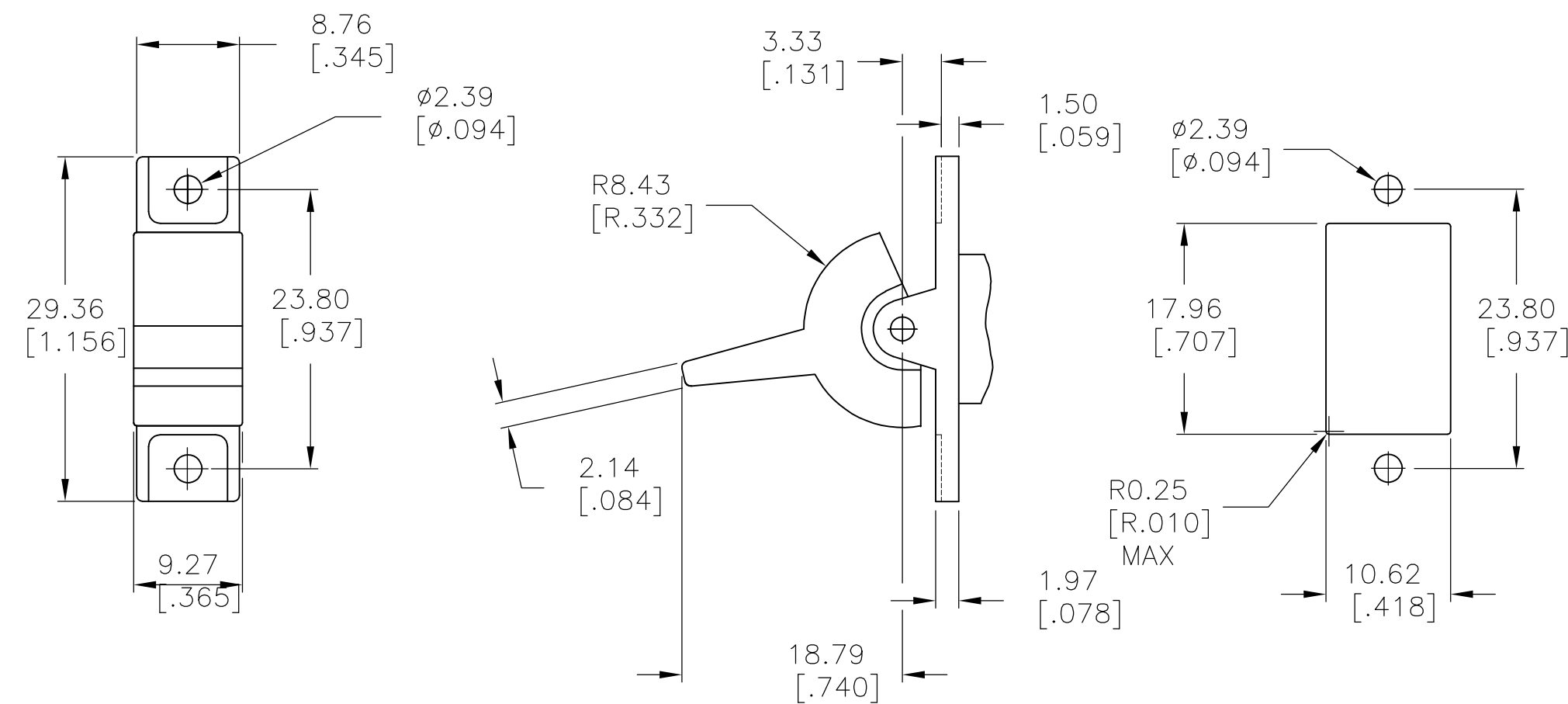
△ SHOWN WITH PC MOUNT ACTUATOR PIVOT

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			
		PRODUCT SPEC	GEMINI AE SERIES ROCKER SWITCH DOUBLE POLE			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	-			
0 PLC ± -		WEIGHT	A2 00779		DRAWING NO	RESTRICTED TO
1 PLC ± -		CUSTOMER DRAWING	SCALE 2:1		SHEET 2 of 5	REV A6
2 PLC ± -						
3 PLC ± .010						
4 PLC ± -						
ANGLES ± 4°						
FINISH						

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

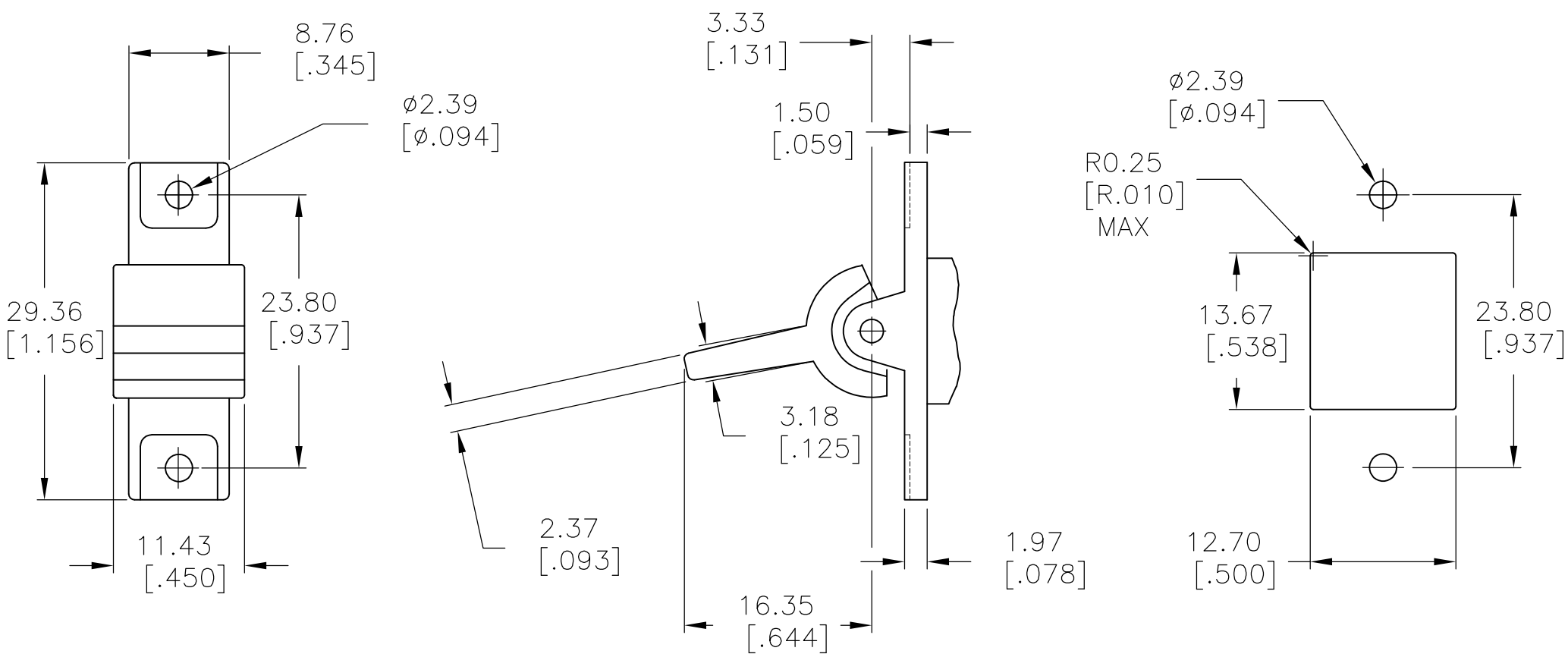
D



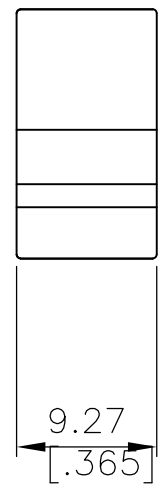
J2 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT

C

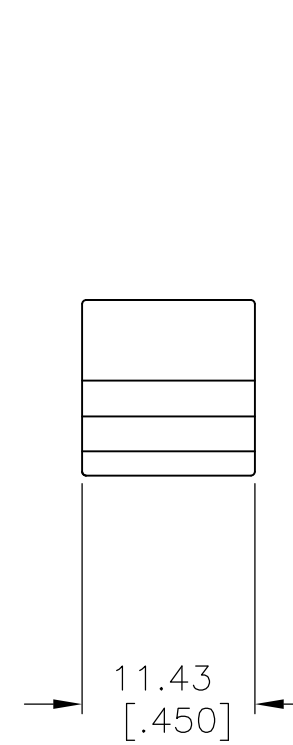
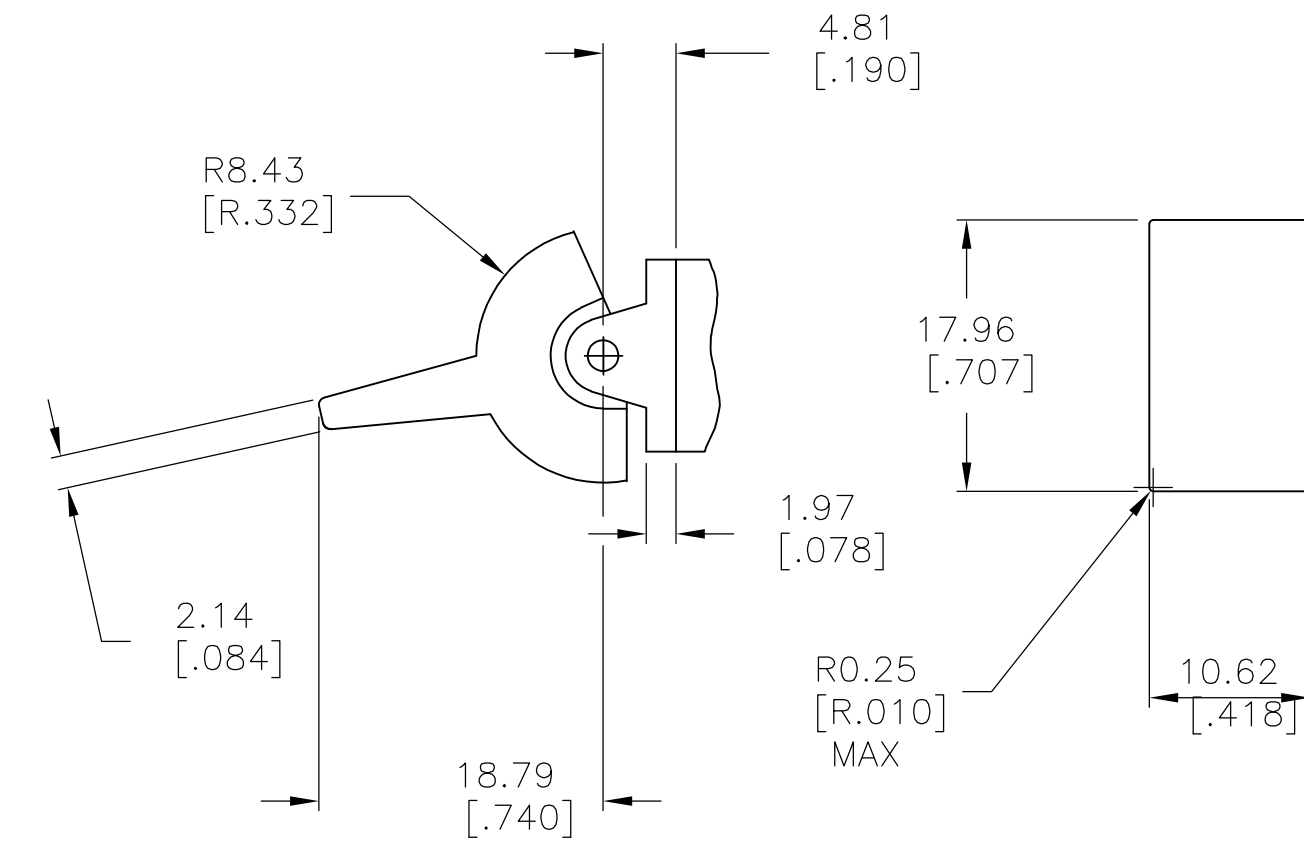
B



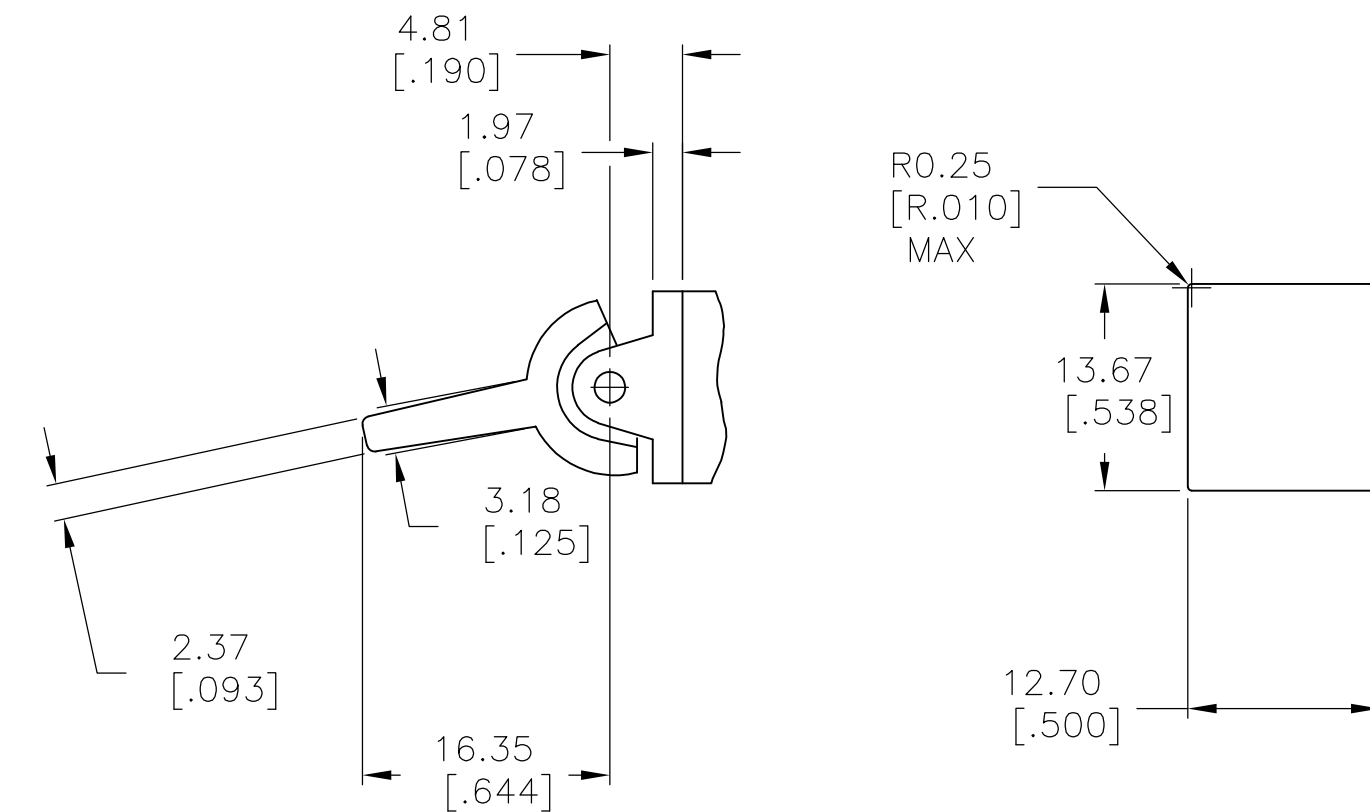
J60 SHOWN WITH PANEL MOUNT ACTUATOR PIVOT



J2 SHOWN WITH PC MOUNT ACTUATOR PIVOT

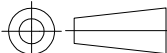


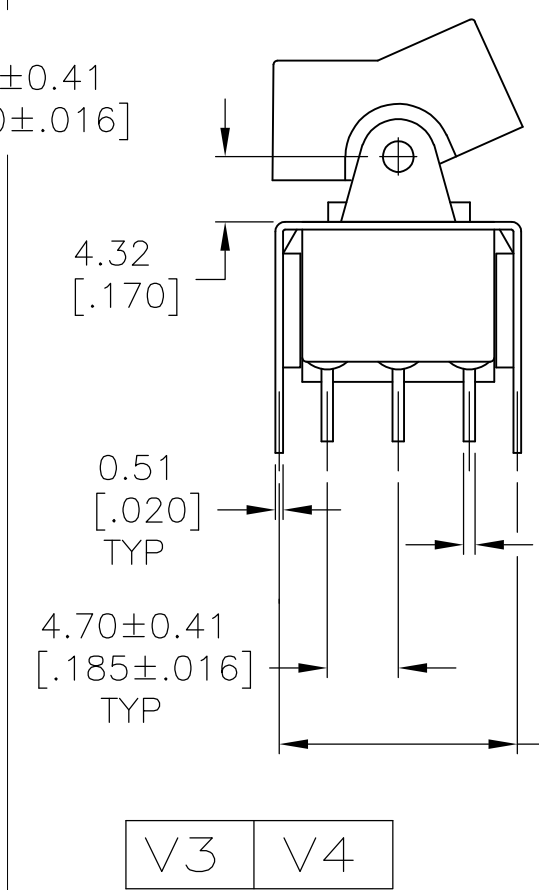
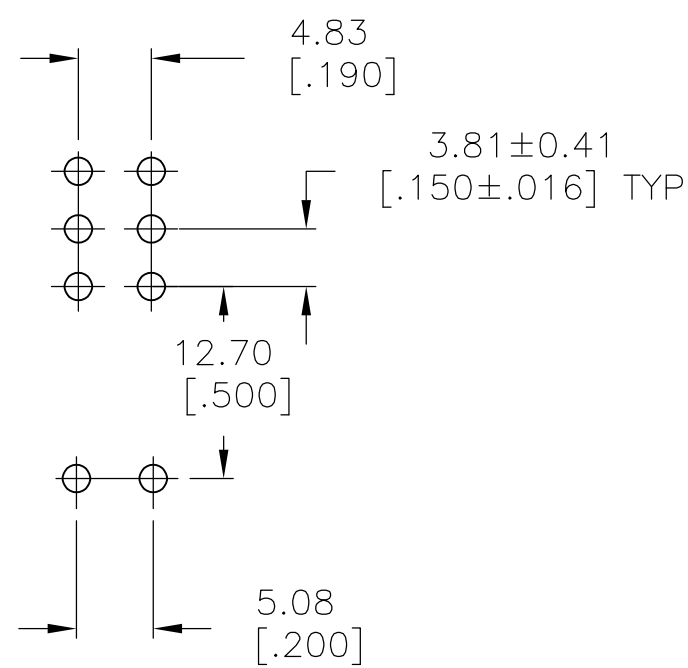
J60 SHOWN WITH PC MOUNT ACTUATOR PIVOT



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"

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 AE SERIES ROCKER SWITCH DOUBLE POLE —					
		APVD M.ZITTO 06JAN05							
		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 A6	

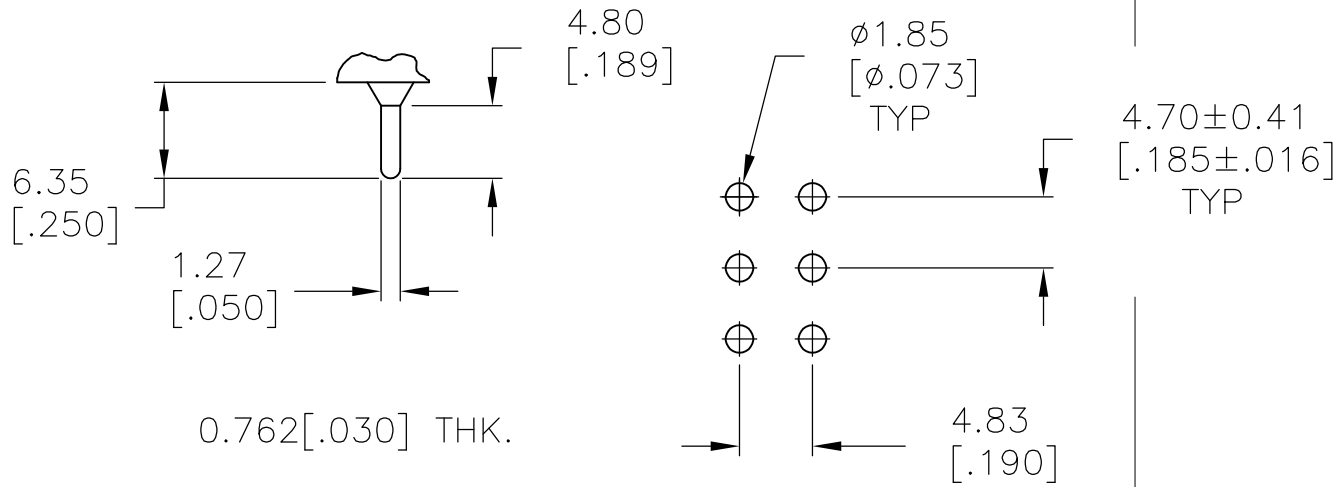
[illegible]

AV2 VERTICAL RIGHT ANGLE

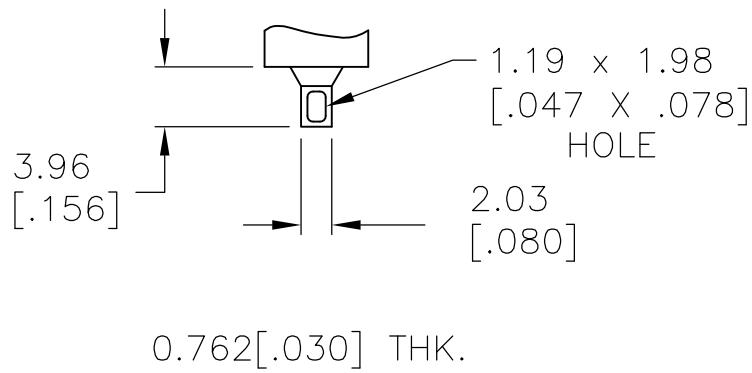
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05		 TE Connectivity	
		CHK M.ZITTO 06JAN05			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .010 4 PLC ± - ANGLES ± ± 4°		NAME GEMINI AE SERIES ROCKER SWITCH DOUBLE POLE -	
		PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		SIZE A2	CAGE CODE 00779
MATERIAL -		FINISH -		DRAWING NO C-1571989	RESTRICTED TO -
CUSTOMER DRAWING				SCALE 2:1	SHEET 4 of 5
				REV A6	

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

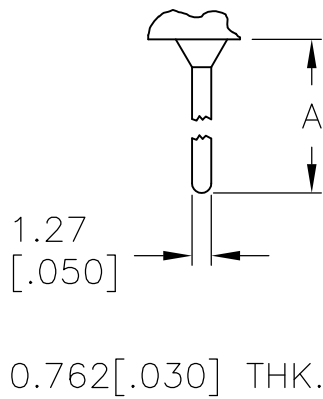
D



C PRINTED CIRCUIT

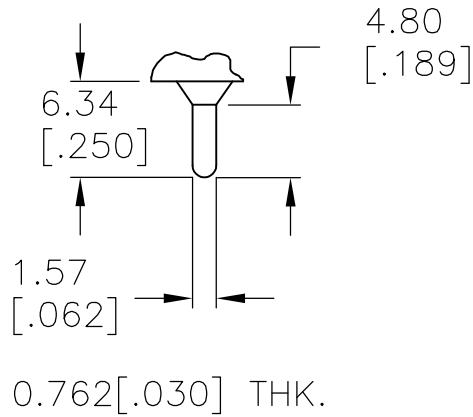


Z WIRE LUG



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

W W4 WIRE WRAP



Z3 QUICK CONNECT

C

B

A

MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE & BUSHING	NYLON, RED, UL94 V-0	
O-RING	PVC, BLACK	
B TERMINALS & CONTACTS	COPPER	GOLD NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	GOLD FLASH OVER SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
ACTUATOR LEVER	ZINC ALLOY	NICKEL
SPRING	MUSIC WIRE	
PIVOT PIN	STEEL	NICKEL
MOUNTING BRACKET	NYLON, UL94 V-1	
ROCKER CAP	NYLON, UL94 V-1	
TERMINAL SEAL	EPOXY, UL94V-0	
MARKING	INK, BLACK	
SUPPORT BRACKET	BRASS	TIN
RETAINER	STAINLESS STEEL	

AE208J50V3B004	1571989-8
AE205J60V3B004	1571989-7
AE205J50V3B004	1571989-6
AE203J1AQ004	1571989-5
AE201J2AQ204	1571989-4
AE201J1V3B004	1571989-3
AE201J1AV2Q004	1571989-2
AE201J1AQ004	1571989-1
ALCO P/N	PART NO.

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 AE SERIES ROCKER SWITCH DOUBLE POLE -	
		1 PLC ± -		—			
		2 PLC ± -		APPLICATION SPEC			
		3 PLC ± .010		—			
		4 PLC ± -				SIZE	
		ANGLES ± 4°				CAGE CODE	
MATERIAL		FINISH		WEIGHT		DRAWING NO	
-		-		-		A2 00779 C=1571989	
CUSTOMER DRAWING				SCALE		RESTRICTED TO	
				2:1		-	
				SHEET		5 of 5	
				REV		A6	