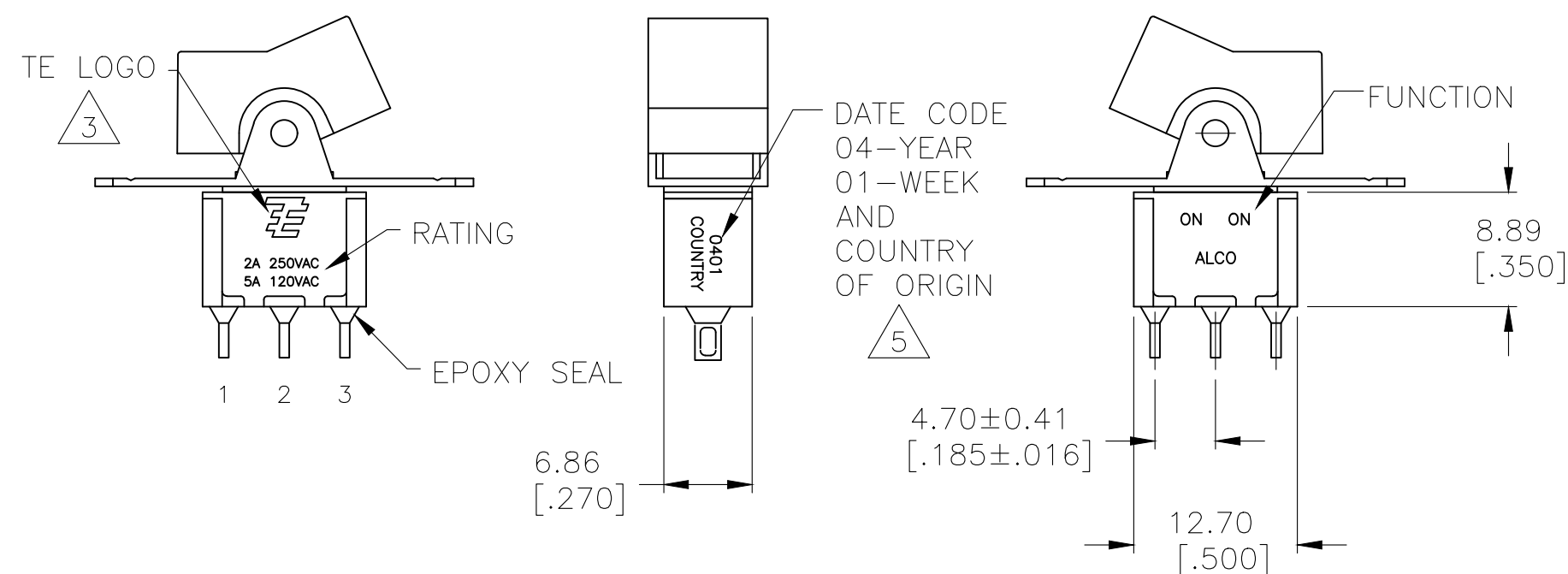
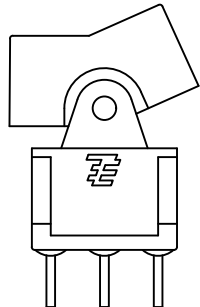
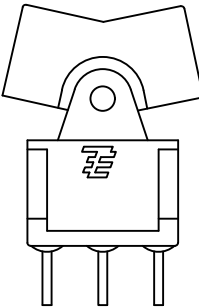
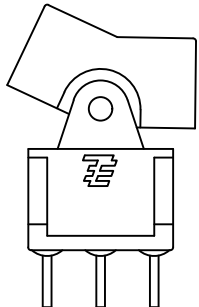
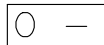
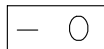
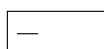




FUNCTION CHART			
FUNCTION			
	1 2 3	1 2 3	1 2 3
01	ON	NONE	ON
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3	---	1-2

NONE: NO MECHANICAL POSITION
 OFF: MECHANICAL POSITION WITH NO ELECTRICAL CONNECTION
 (ON): MOMENTARY ACTION

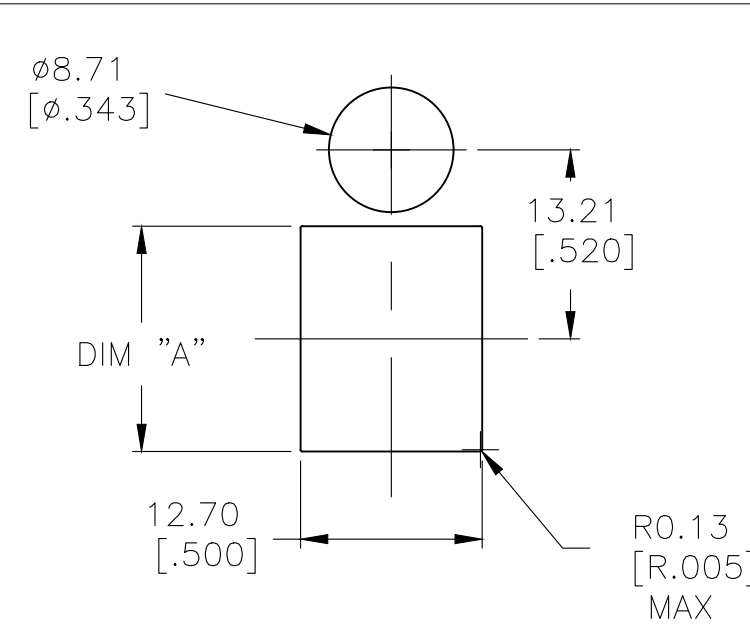
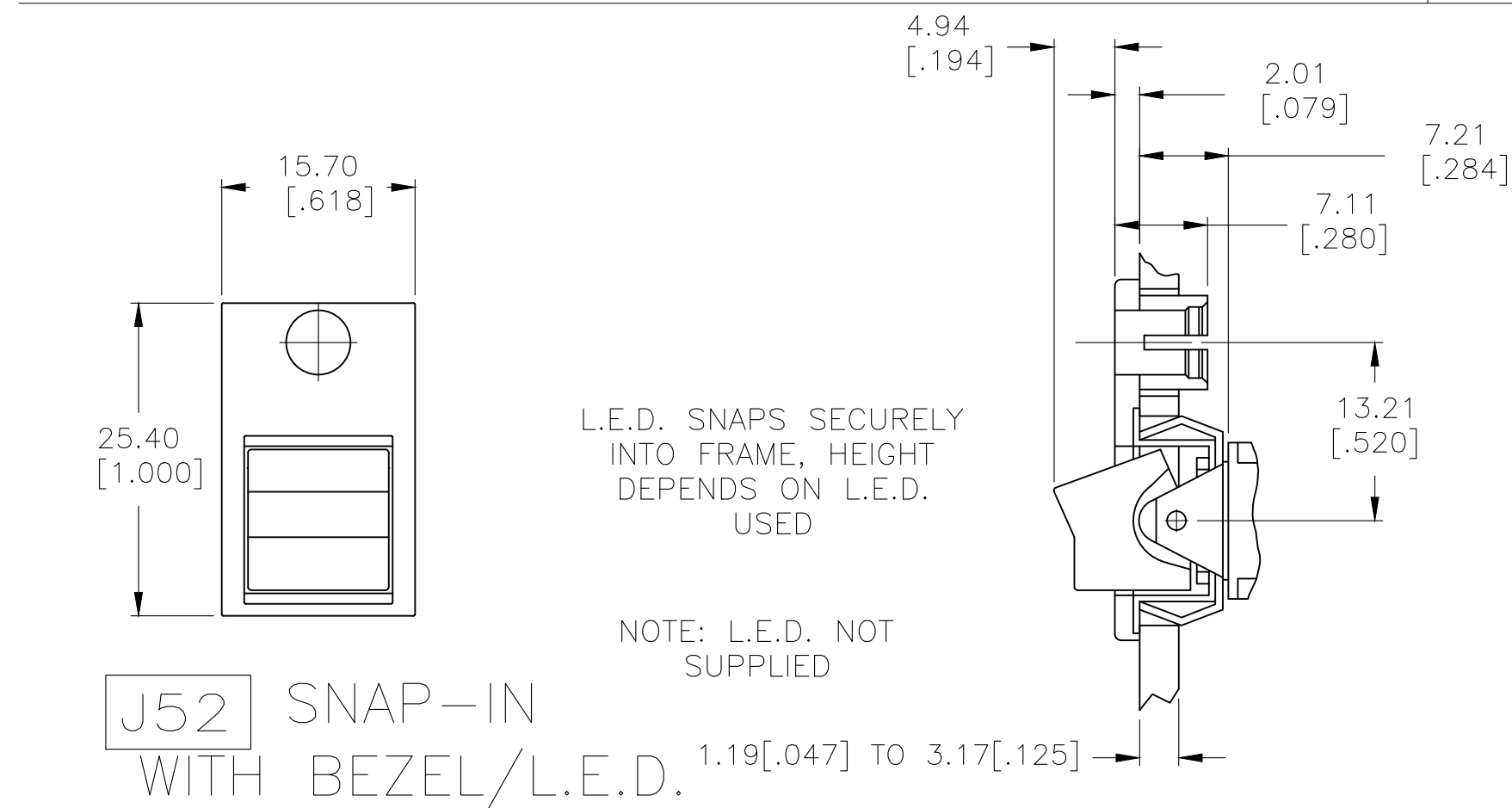
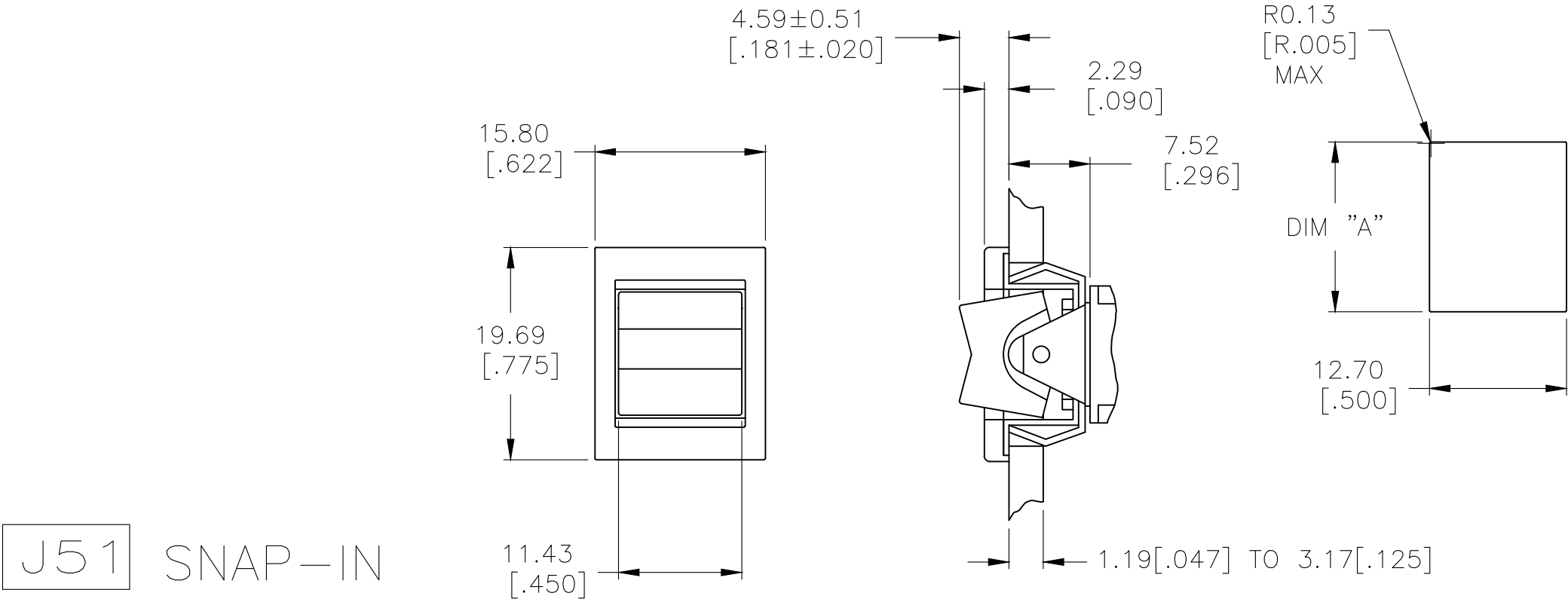
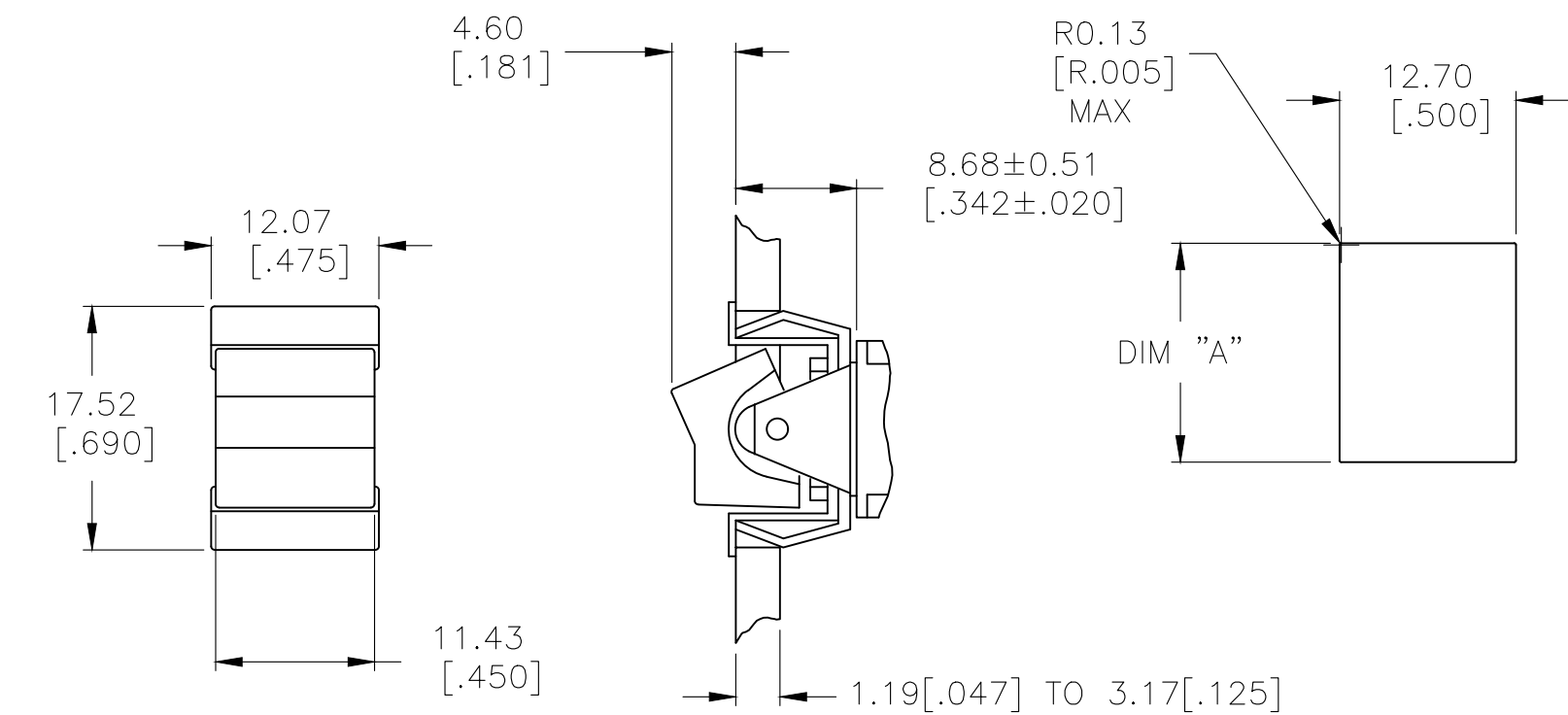
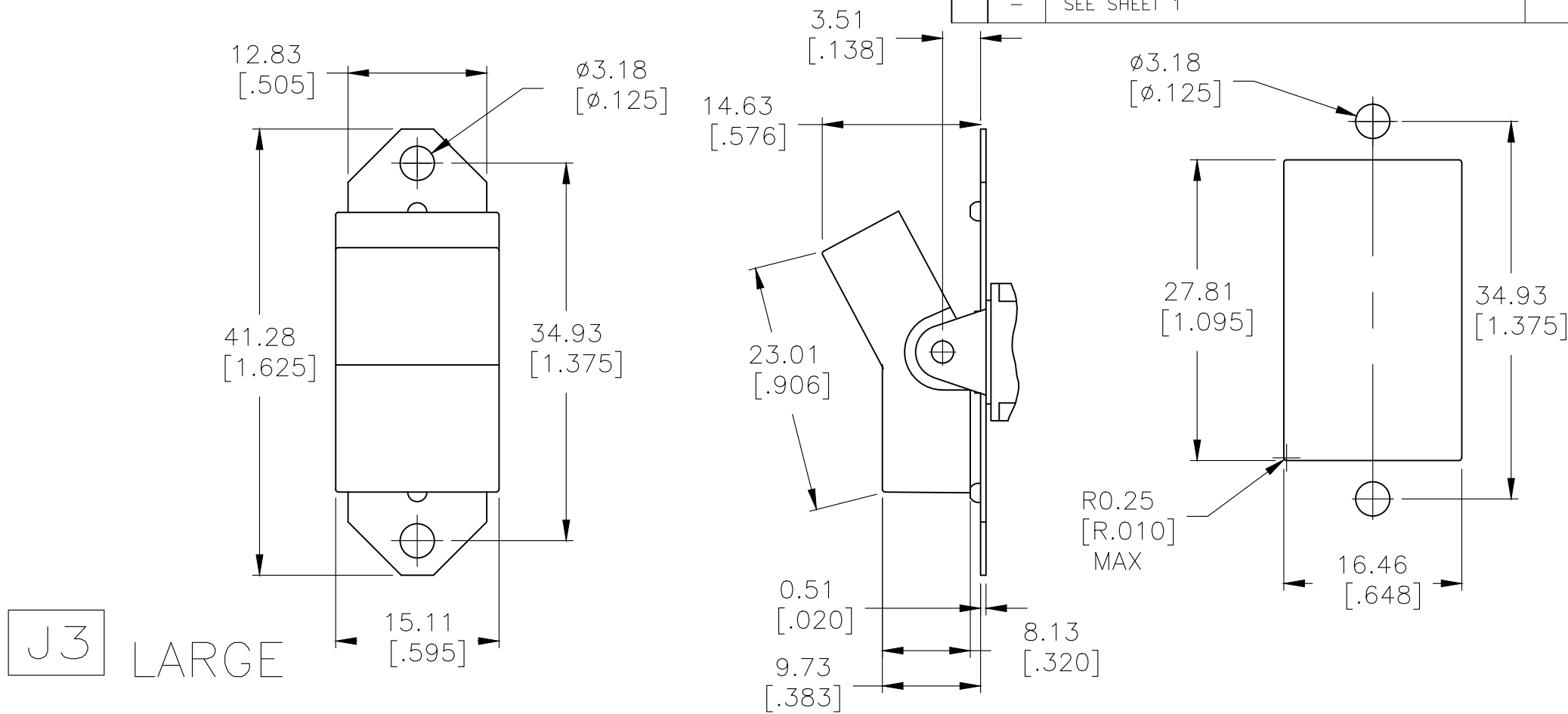
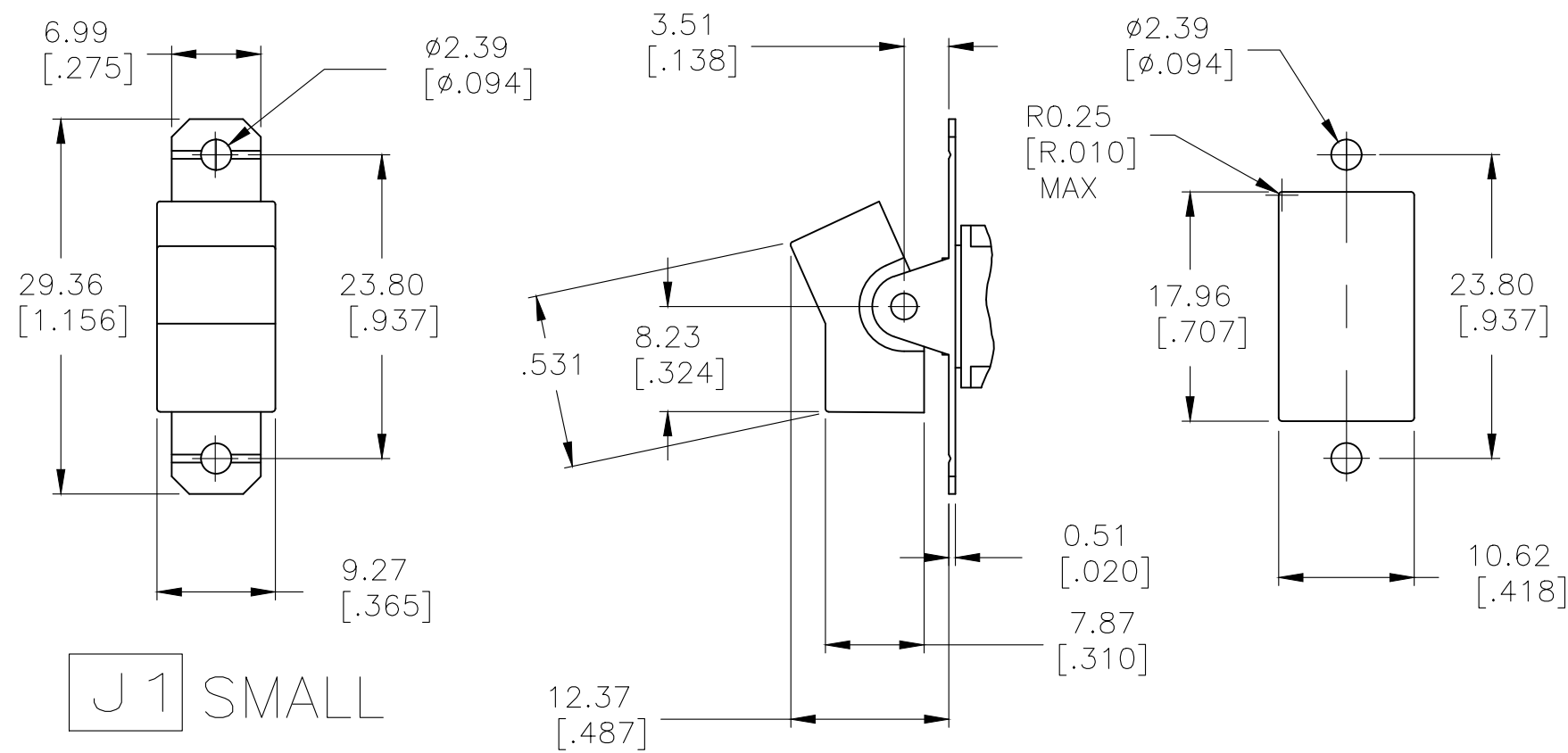
SPECIFICATIONS	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 2	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED LOAD
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.
- 11 OBSOLETE
- 12 GRAY ACTUATOR WITH MODIFIED BRACKET (SUPPORT BRACKET TRIMMED PARALLEL TO THE PCB)

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]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± 0.25[0.01] 4 PLC ± - ANGLES ± 4°		NAME M.ZITTO 06JAN05	
		PRODUCT SPEC — APPLICATION SPEC —		GEMINI A SERIES ROCKER SWITCH SINGLE POLE	
MATERIAL —		FINISH —		SIZE A2	CAGE CODE 00779
		WEIGHT		DRAWING NO C-1571986	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 2:1	SHEET 1 of 5 REV A12

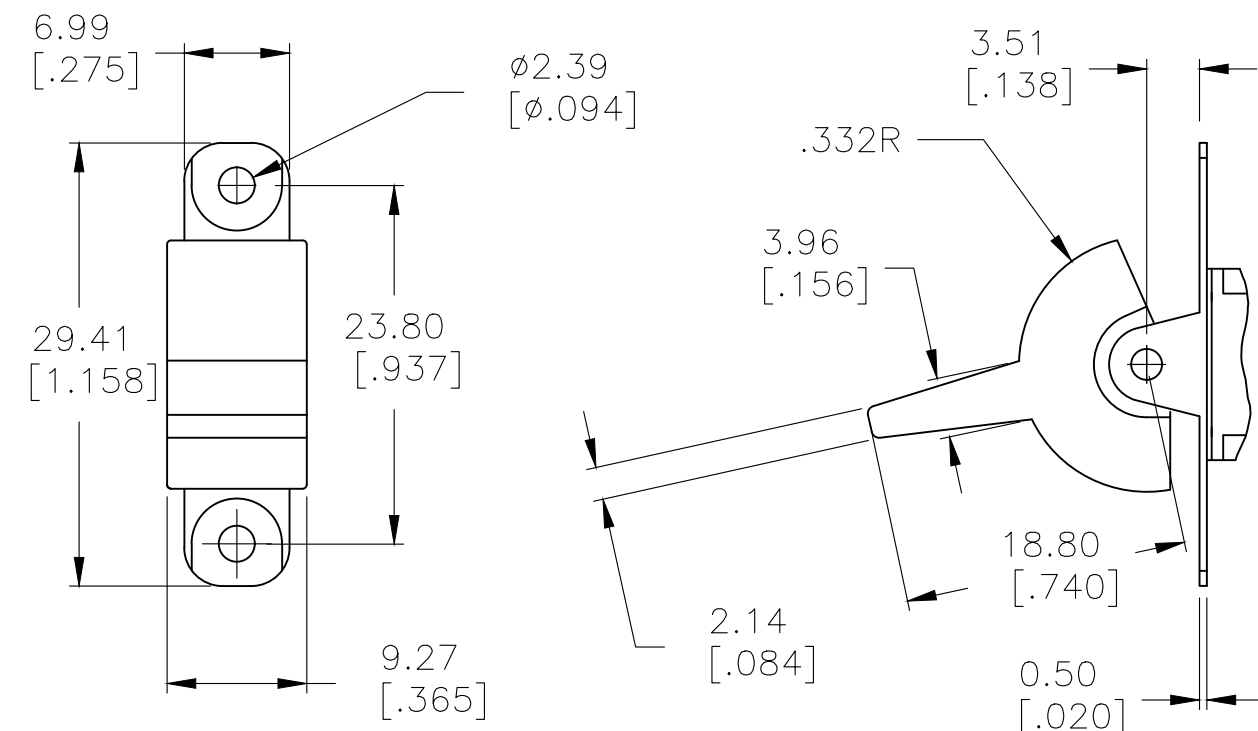
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



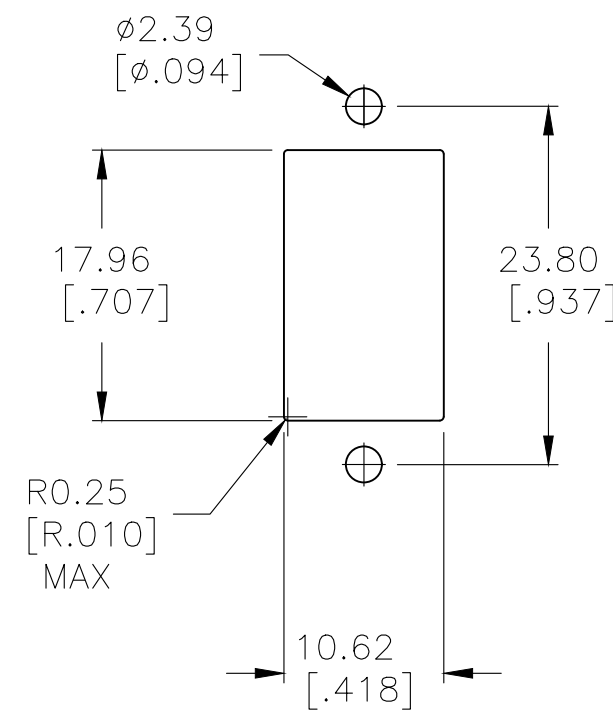
1.52[.060]–3.17[.125]	15.75[.620]–15.87[.625]
1.19[.047]–1.50[.059]	15.72[.619]
PANEL THICKNESS	DIM "A"

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M.BINNER	06JAN05	 TE Connectivity	
		CHK	M.ZITTO	06JAN05		
		APVD	M.ZITTO	06JAN05	NAME	
		PRODUCT SPEC				
		APPLICATION SPEC			GEMINI A SERIES ROCKER SWITCH SINGLE POLE	
MATERIAL		WEIGHT			SIZE	CAGE CODE
					A2	00779
		CUSTOMER DRAWING			SCALE	2:1
					SHEET	2 OF 5
					REV	A12

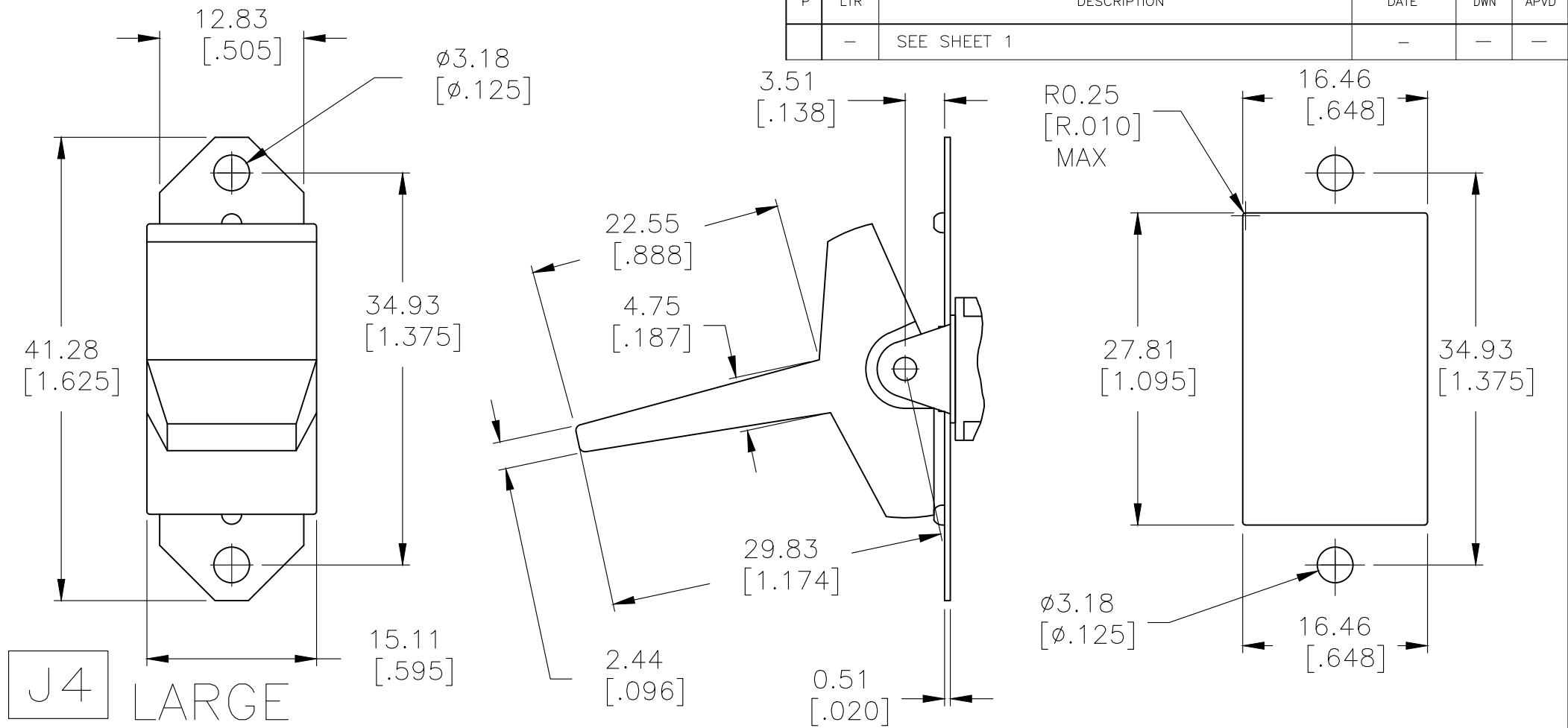
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



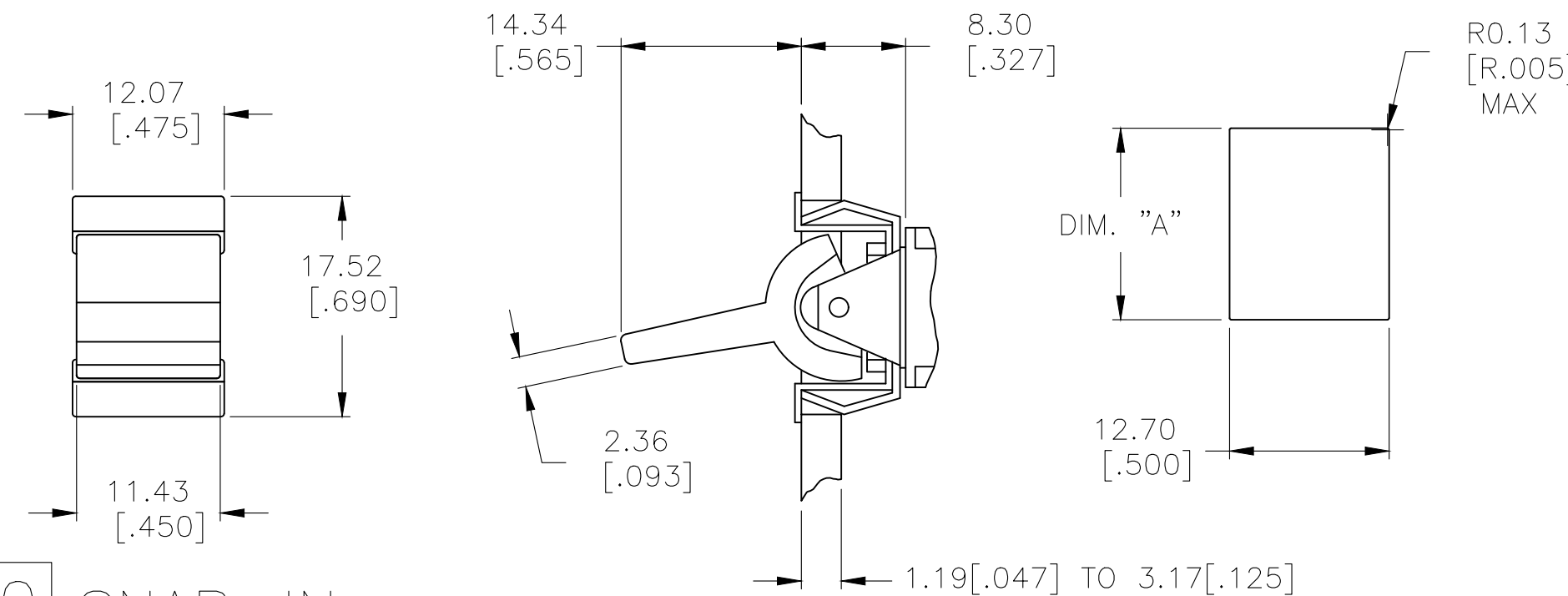
J2 SMALL



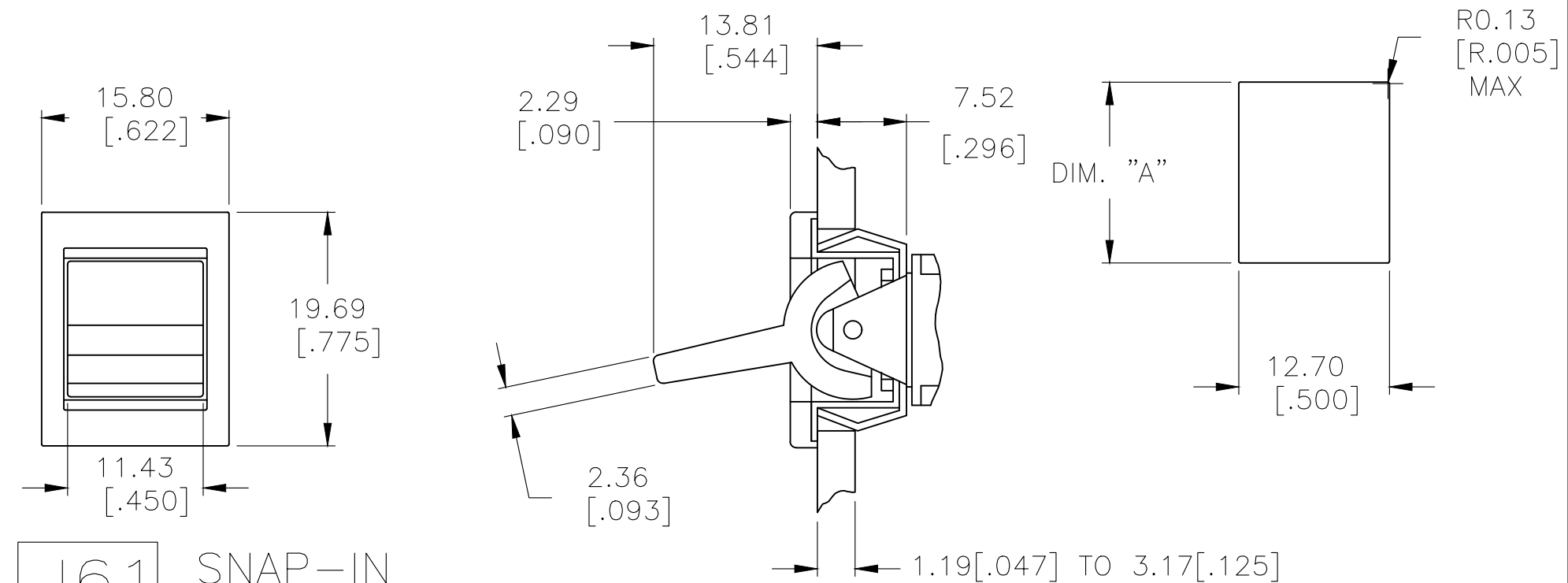
J4 LARGE



J60 SNAP-IN



J61 SNAP-IN WITH BEZEL



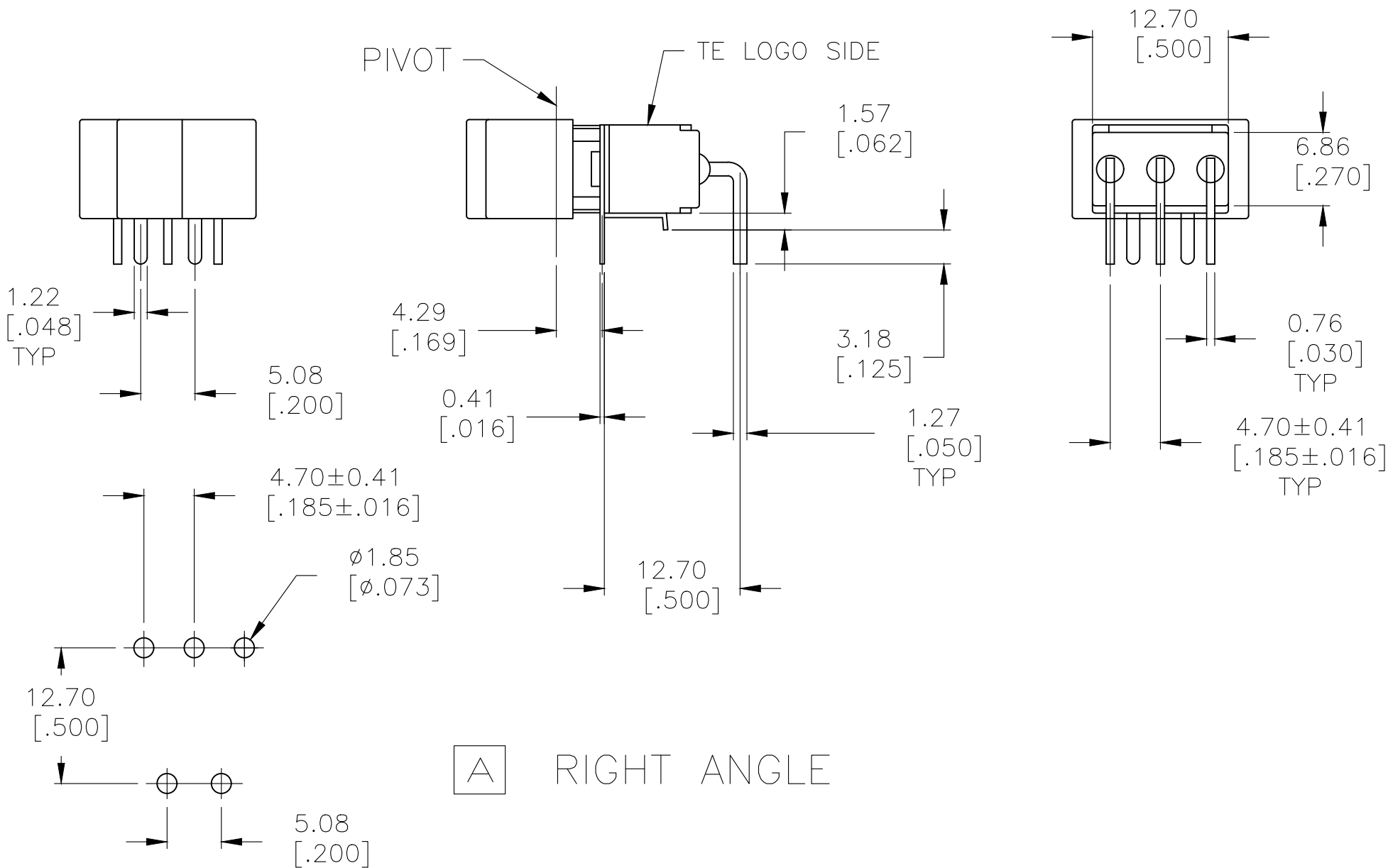
J62 SNAP-IN WITH BEZEL/L.E.D.

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		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.ZITTO	06JAN05		
0 PLC ± -		PRODUCT SPEC				
1 PLC ± -		APPLICATION SPEC			NAME	
2 PLC ± -						
3 PLC ± 0.25[0.01]					GEMINI A SERIES ROCKER SWITCH SINGLE POLE	
4 PLC ± -						
ANGLES ± 4°					SIZE	
FINISH						
MATERIAL		WEIGHT	-		CAGE CODE	
		CUSTOMER DRAWING			DRAWING NO	
		SCALE	2:1		SHEET	
					REV	
					RESTRICTED TO	
					A12	

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

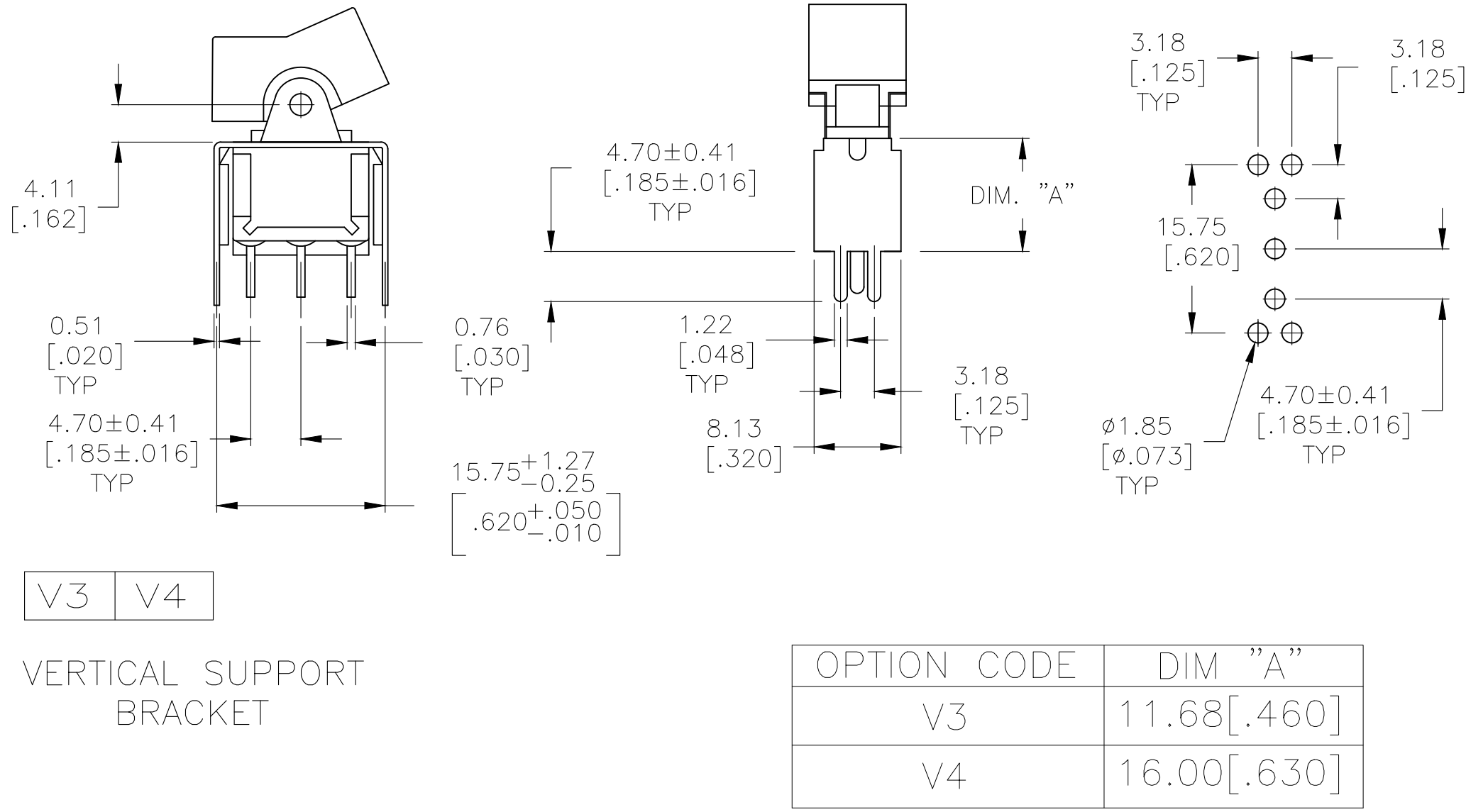
D



C

B

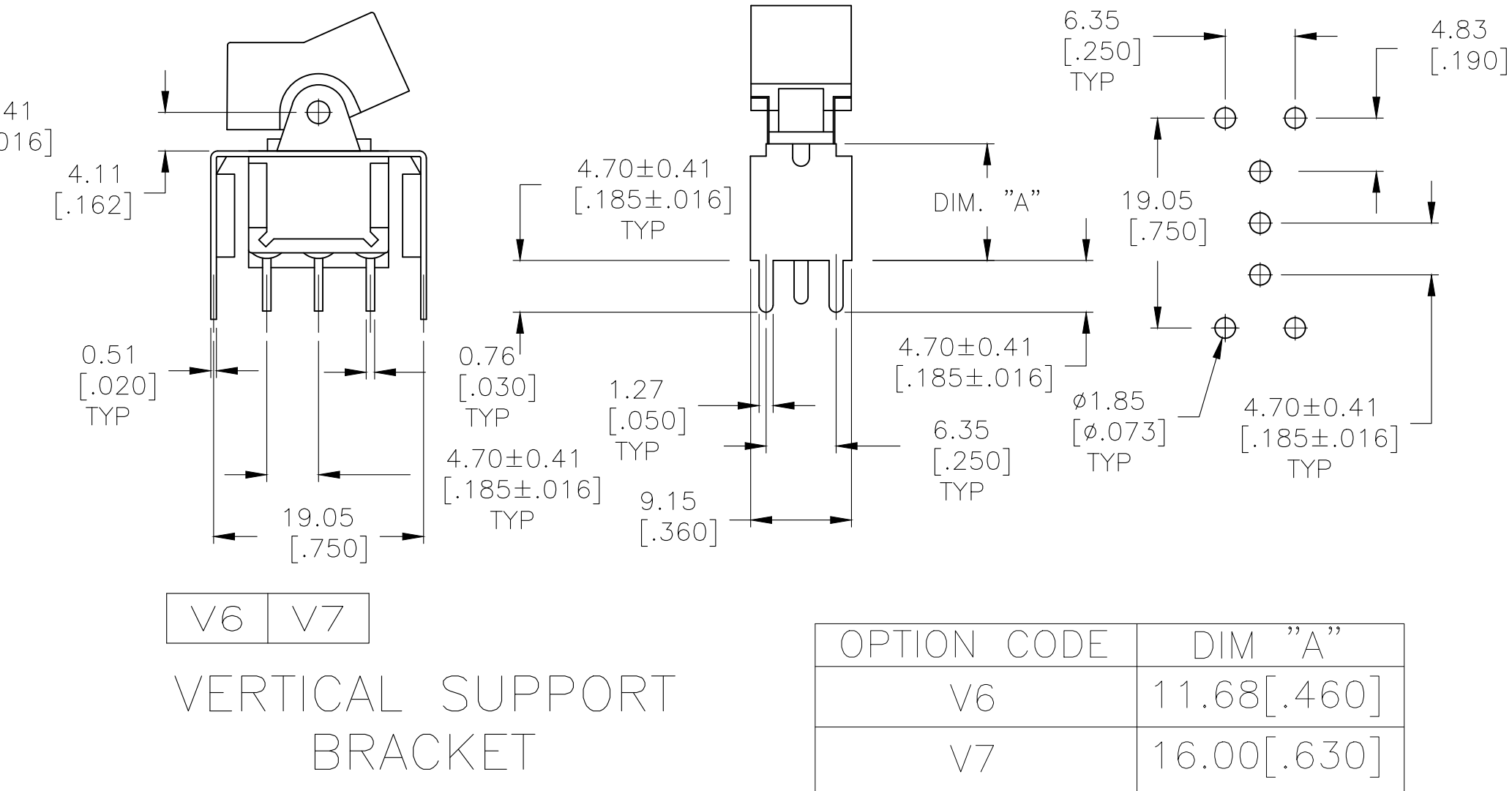
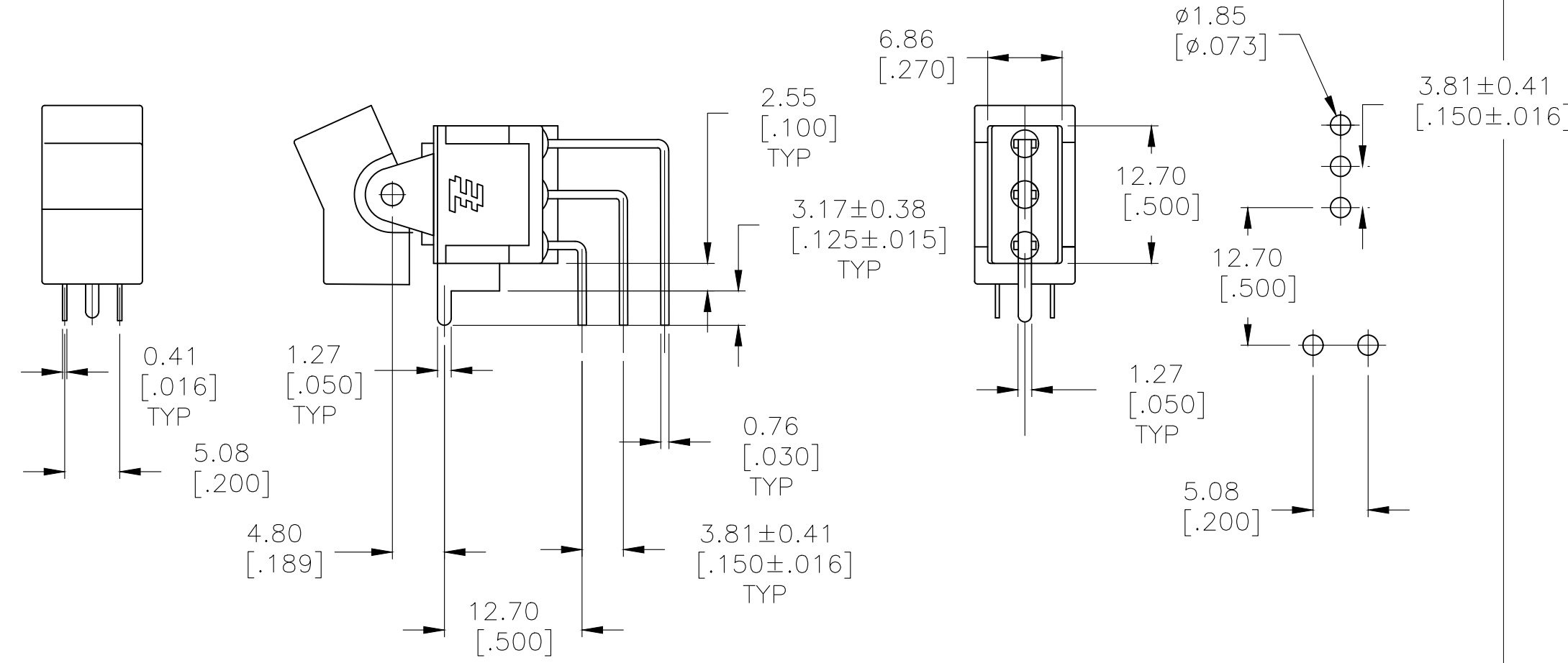
A



V3 V4

VERTICAL SUPPORT BRACKET

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

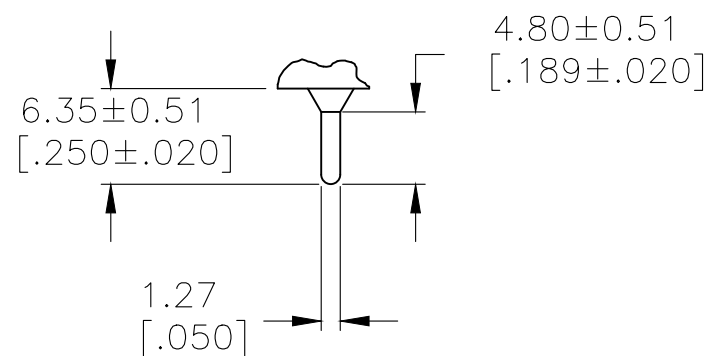


V6 V7

VERTICAL SUPPORT BRACKET

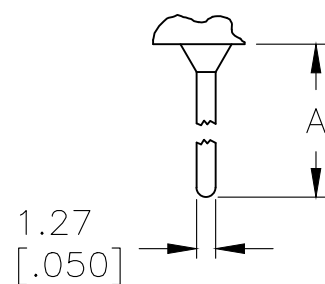
OPTION CODE	DIM "A"
V6	11.68 [.460]
V7	16.00 [.630]

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M.BINNER 06JAN05	TE Connectivity			
		CHK M.ZITTO 06JAN05				
		APVD M.ZITTO 06JAN05	NAME			
		PRODUCT SPEC	GEMINI A SERIES ROCKER SWITCH SINGLE POLE			
		APPLICATION SPEC				
		WEIGHT	SIZE A2	CAGE CODE 00779	DRAWING NO 1571986	RESTRICTED TO —
CUSTOMER DRAWING		SCALE 2:1	SHEET 4 OF 5	REV A12		



.030 THK.

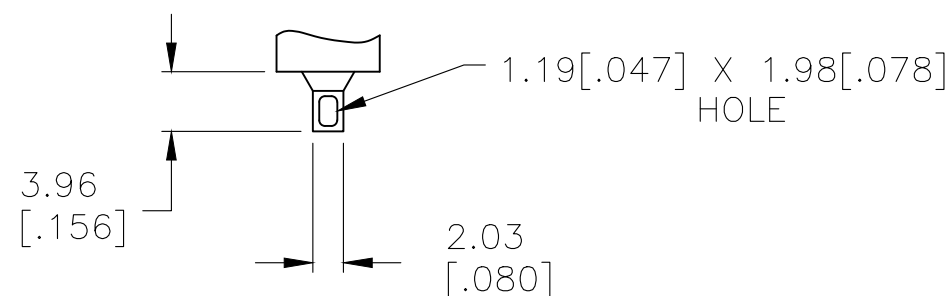
PRINTED CIRCUIT



.030 THK.

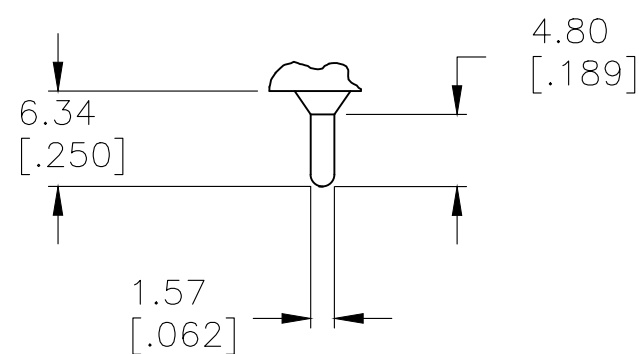
OPTION	DIM A
W	18.69[.736]
W4	26.97[1.062]

W W4 WIRE WRAP



.030 THK.

Z WIRE LUG



.030 THK.

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	

1	1	A105J1AV2Q004	5-1571986-0
1	1	A105J1AQ004	4-1571986-9
1	1	NOT ASSIGNED	4-1571986-8
1	12	A103J1AV2Q004MB	4-1571986-7
		A103J61ZQ0004	4-1571986-6
		A103J51ZQ0004	4-1571986-5
1	1	A103J3ZQ004	4-1571986-4
1	1	A103J2ZQ004	4-1571986-3
1	1	A103J2CB004	4-1571986-2
		A103J1ZQ004	4-1571986-1
1	1	A103J1V3Q004	4-1571986-0
1	1	A103J1AV2Q004	3-1571986-9
		A103J1AV2B004	3-1571986-8
1	1	NOT ASSIGNED	3-1571986-7
		A101J61ZQ0004	3-1571986-6
		A101J51ZQ2004	3-1571986-5
		A101J51ZQ0004	3-1571986-4
1	1	A101J51ZB0004	3-1571986-3
1	1	NOT ASSIGNED	3-1571986-2
		A101J51Z3Q0004	3-1571986-1
		A101J51Z3G0004	3-1571986-0
		A101J51CB0004	2-1571986-9
1	1	A101J50ZQ004	2-1571986-8
1	1	A101J50V3Q204	2-1571986-7
1	1	A101J50V3Q004	2-1571986-6
1	1	A101J50AV2Q004	2-1571986-5
1	1	A101J4ZQ804	2-1571986-4
		A101J4ZQ004	2-1571986-3
1	1	A101J3ZQ004	2-1571986-2
1	1	A101J3V3Q204	2-1571986-1
		A101J2ZQ004	2-1571986-0
		A101J2VB904	1-1571986-9
1	1	A101J2AV2Q004	1-1571986-8
		A101J1ZQ004	1-1571986-7
1	1	A101J1ZB004	1-1571986-6
		A101J1V3Q004	1-1571986-5
		A101J1V3B004	1-1571986-4
1	1	A101J1CQ004	1-1571986-3
		A101J1CG004	1-1571986-2
		A101J1AV2Q004	1-1571986-1
1	1	A101J1AV2B004	1-1571986-0
		A101J1AQ204	1571986-9
		A101J1AQ004	1571986-8
		A101J1AB004	1571986-7
1	1	NOT ASSIGNED	1571986-6
1	1	NOT ASSIGNED	1571986-5
1	1	NOT ASSIGNED	1571986-4
1	1	NOT ASSIGNED	1571986-3
1	1	NOT ASSIGNED	1571986-2
7	1	A101J1AB004	1571986-1
		ALCO P/N	P/N

$\uparrow\downarrow$	9	A101J1AV2Q004AM9	7-1571986-4
$\uparrow\downarrow$	8	A101J1AV2Q004AM8	7-1571986-3
$\uparrow$	7	A101J1AV2Q004AM	7-1571986-2
$\uparrow\downarrow$		A108J61ZQ0004	7-1571986-0
		A108J51ZQ0004	6-1571986-9
$\uparrow\downarrow$		A108J1ZQ004	6-1571986-8
$\uparrow\downarrow$		A108J1V3Q004	6-1571986-7
$\uparrow\downarrow$		A107J61ZQ0004	6-1571986-6
		A107J51ZQ0004	6-1571986-5
		A105J61ZQ0004	6-1571986-4
$\uparrow\downarrow$		A105J61ZG0004	6-1571986-3
$\uparrow\downarrow$		A105J52ZQ2004	6-1571986-2
		A105J51ZQ0004	6-1571986-1
		A105J4ZQ004	6-1571986-0
		A105J3ZQ004	5-1571986-9
$\uparrow\downarrow$		A105J3CQ2004	5-1571986-8
$\uparrow\downarrow$		A105J3CQ004	5-1571986-7
		A105J2ZQ004	5-1571986-6
$\uparrow\downarrow$		A105J2AV2Q004	5-1571986-5
$\uparrow\downarrow$		A105J2AQ004	5-1571986-4
		A105J1ZQ004	5-1571986-3
$\uparrow\downarrow$		A105J1V3B004	5-1571986-2
$\uparrow\downarrow$		A105J1CQ004	5-1571986-1
		ALCO P/N	P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN <u>M.BINNER</u>		06JAN05		 TE Connectivity	
		CHK <u>M.ZITTO</u>		06JAN05			
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD <u>M.ZITTO</u>		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 ± —		—			
		ANGLES ± 4°		WEIGHT —			
MATERIAL —		FINISH —		A2 00779		DRAWING NO 1571986	
				CUSTOMER DRAWING		RESTRICTED TO —	
				SCALE 2:1		SHEET 5 of 5	
				REV A12			

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-1571986-5](#)