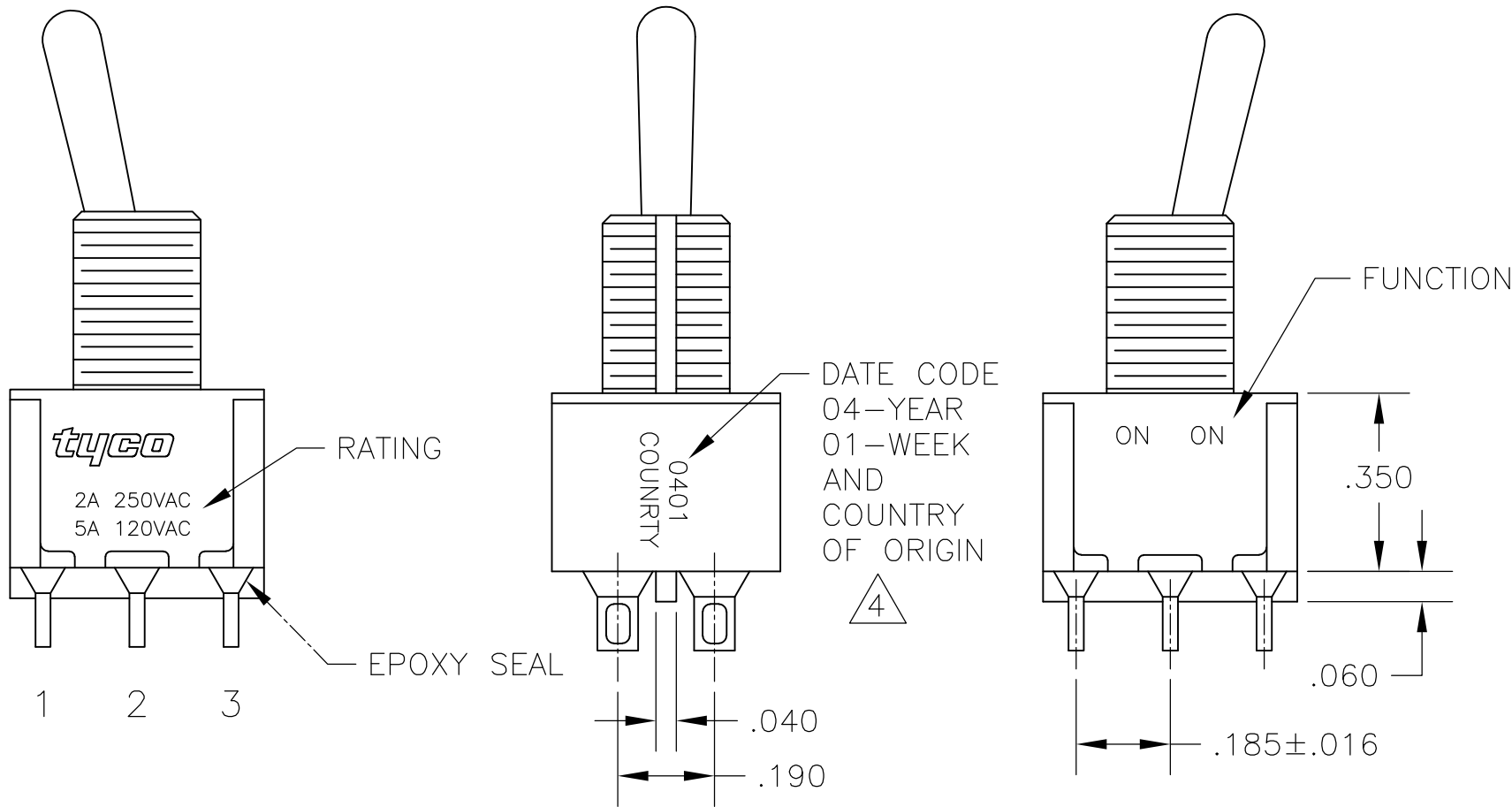
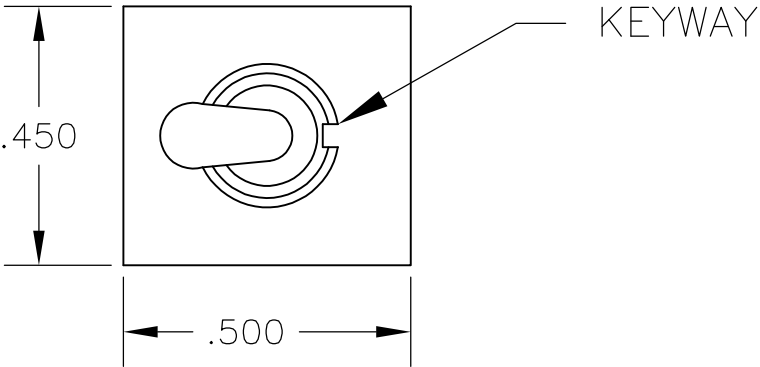




- NOTES:
- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
 - EACH SWITCH WITH THREADED BUSHINGS SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
 - (2) HEX NUTS
 - (1) INTERNAL TOOTH LOCKWASHER
 - (1) LOCATING RING
 - G CONTACT OPTION CAN BE USED FOR SIGNAL OR 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 FRAME IS 2A 250VAC, 5A 120 VAC.
4. DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
5. LENGTH OF TOGGLE REDUCED BY .020 WITH A, AV2, V30 OR V40 VERTICAL SUPPORT BRACKET OPTIONS.

FUNCTION CHART			
FUNCTION			
01	ON	NONE	ON
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5
None: No mechanical position Off: Mechanical position with no electrical connection (On): Momentary action			

SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS-SEE NOTE 3	.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

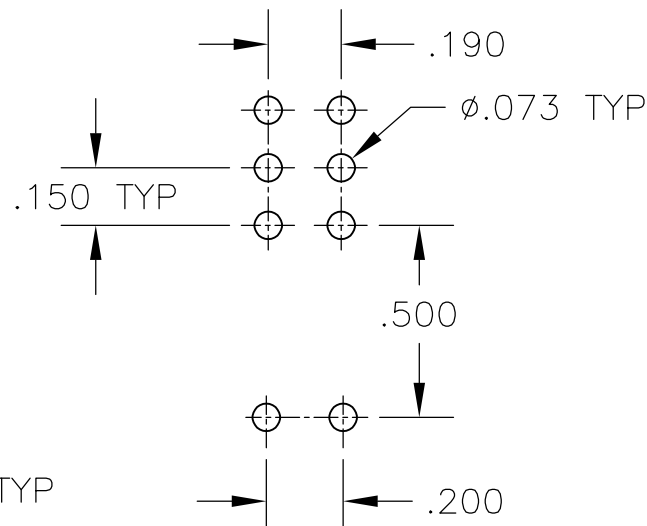
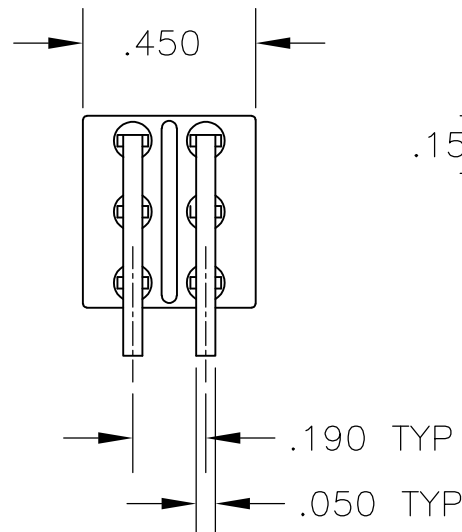
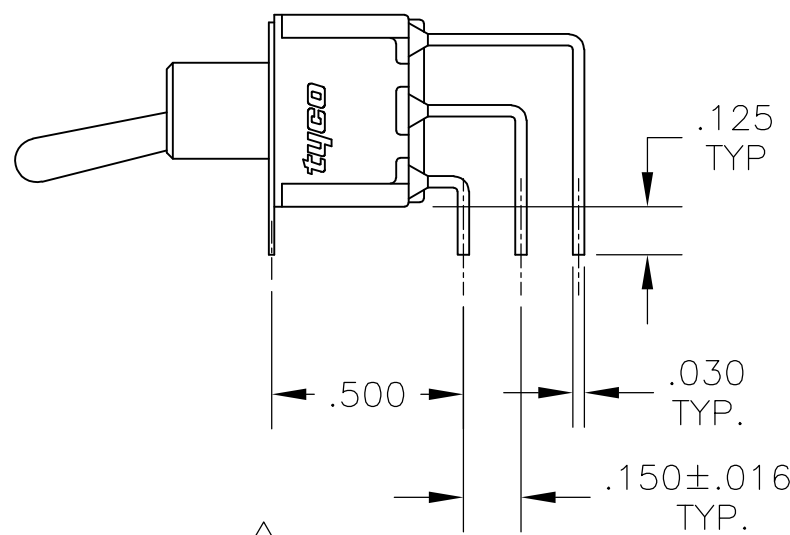
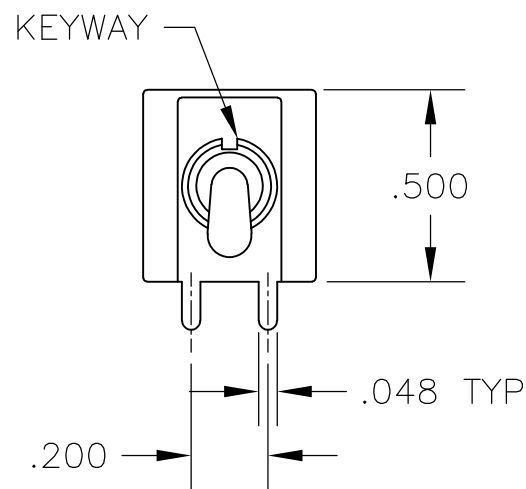
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
A2	01 08	K	CW	A	B	04
		K1	D	AV2	G	
		L	D9	C	Q	
		L1	H	V30		
		L2	Y	V40		
		M	Y9	V70		
		P3		W		
		S		W4		
		T		Z		
		T1		Z3		

EXAMPLE: A201SYCQ04

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO	18MAY05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		CHK M. ZITTO	-	NAME	
		APVD M. ZITTO	-	GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)	
		PRODUCT SPEC		-	
		APPLICATION SPEC		-	
MATERIAL -	FINISH -	WEIGHT -	A2	00779	C=1825138
CUSTOMER DRAWING			SCALE 3:1	SHEET 1 of 4	REV A1

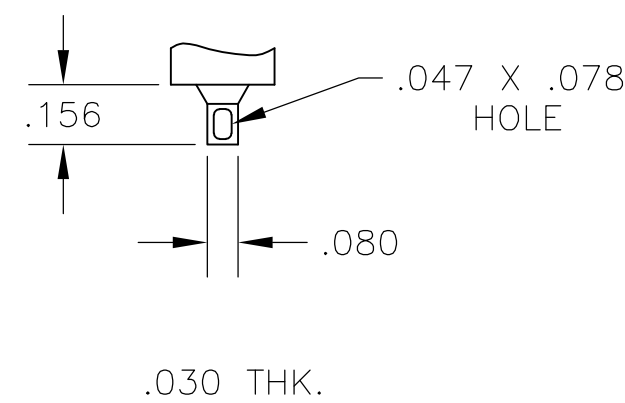
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00	—	—	SEE SHEET 1	—	—	—

D

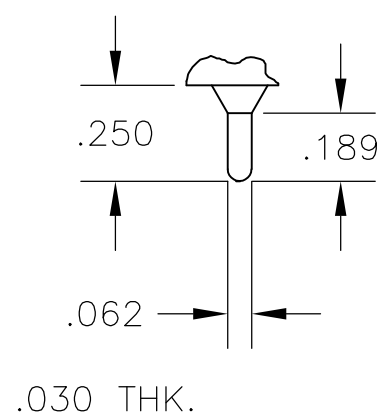


RECOMMENDED
PCB LAYOUT

AV2 VERTICAL RIGHT ANGLE 5

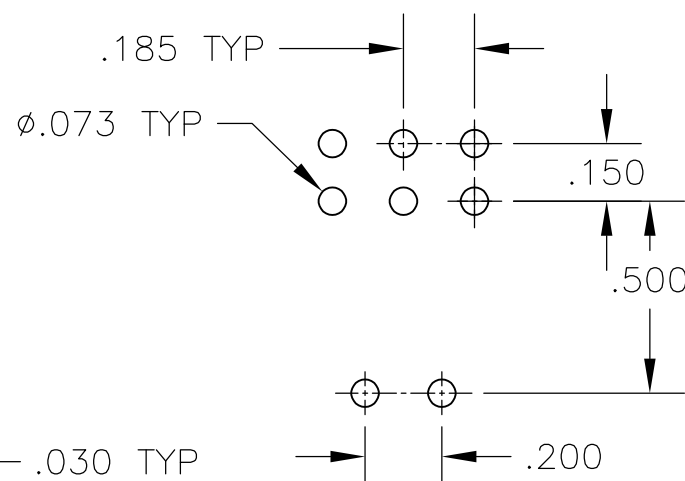
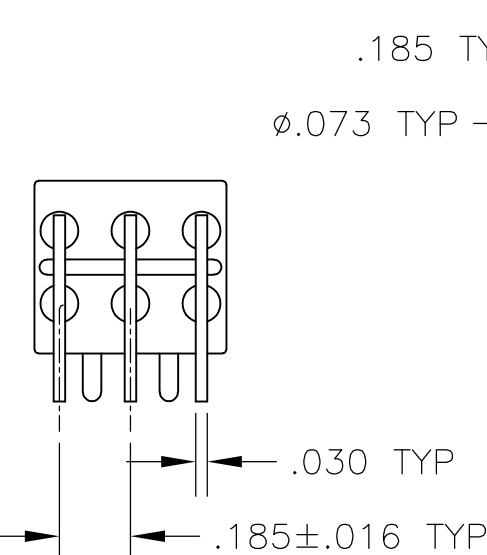
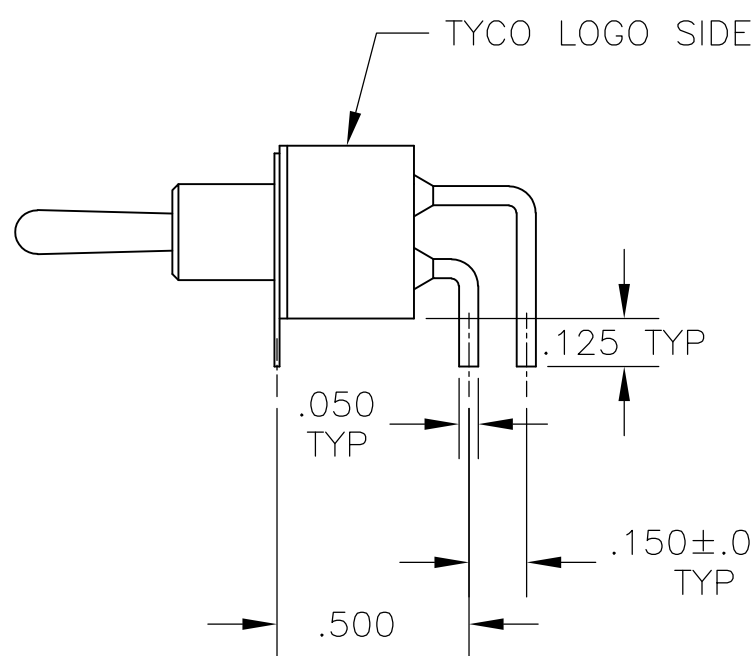
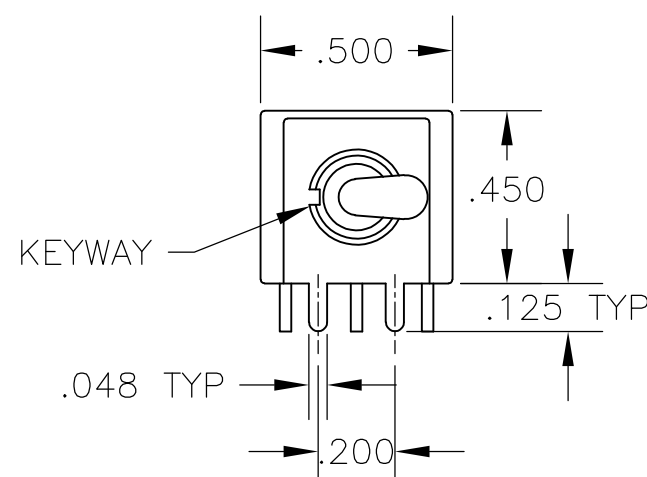


Z WIRE LUG



Z3 QUICK CONNECT

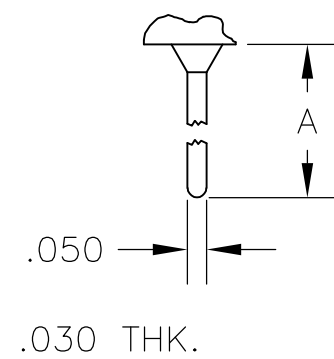
C



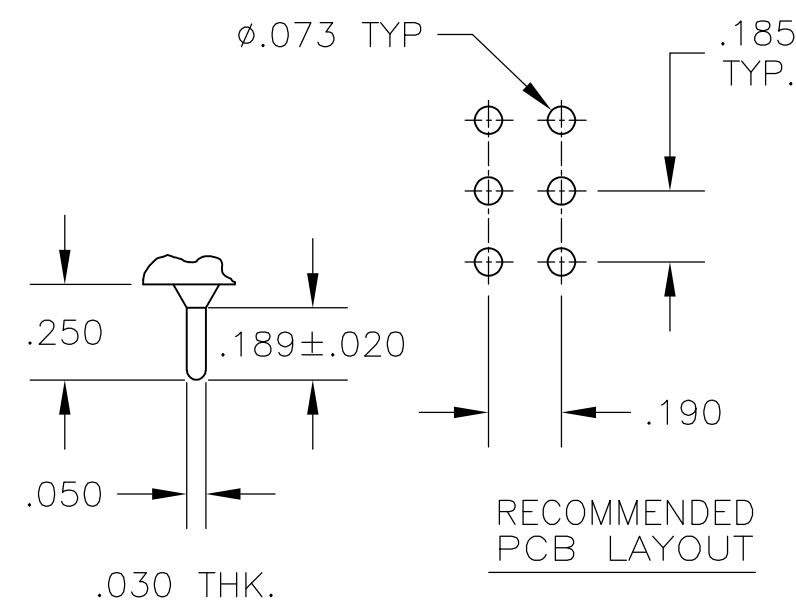
RECOMMENDED
PCB LAYOUT

A RIGHT ANGLE 5

OPTION	DIM A
W	.736
W4	1.062

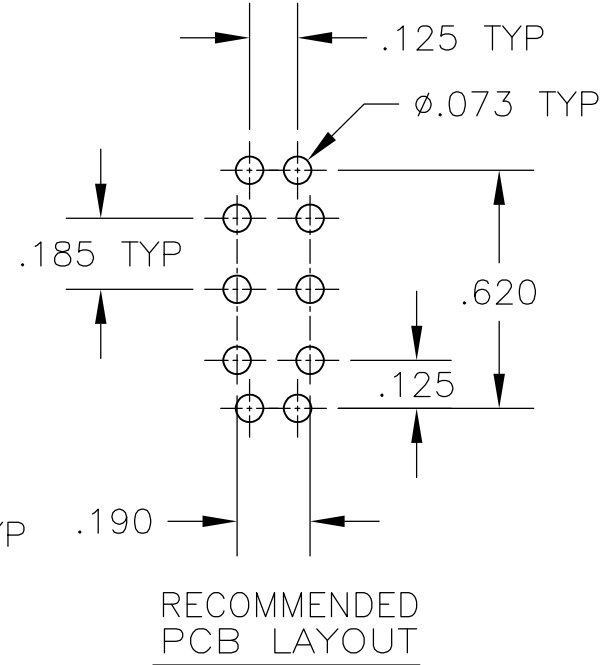
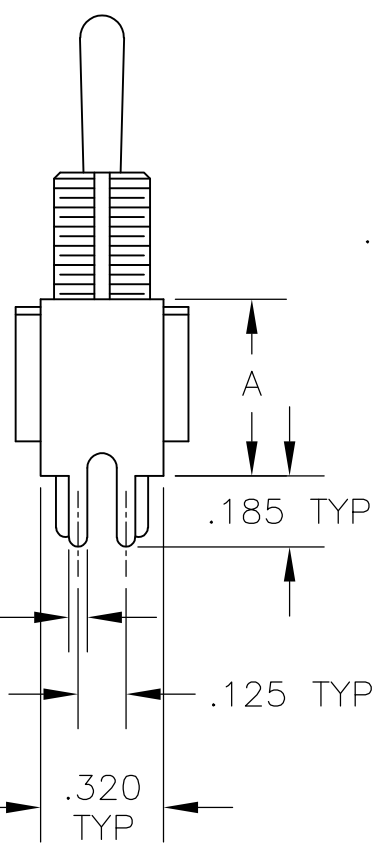
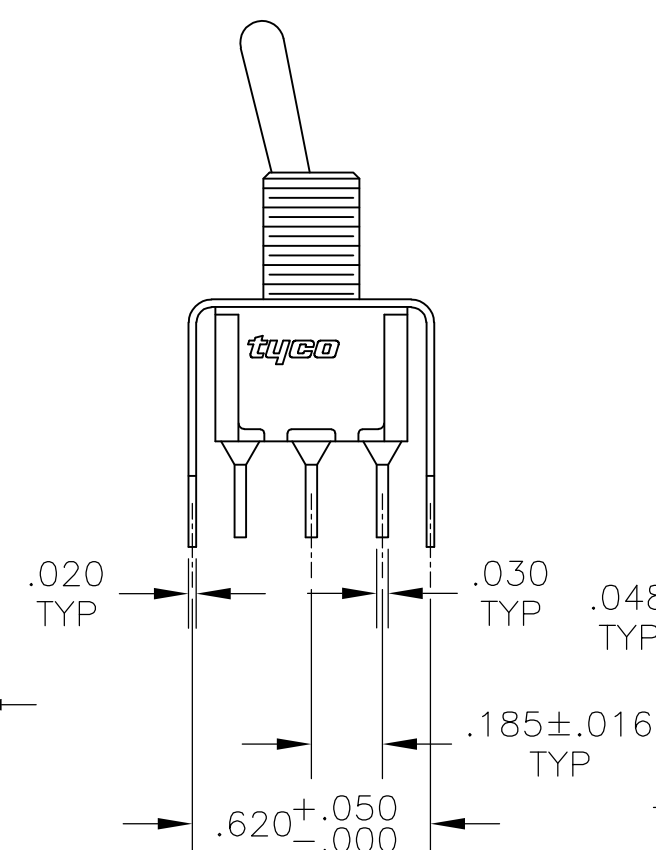
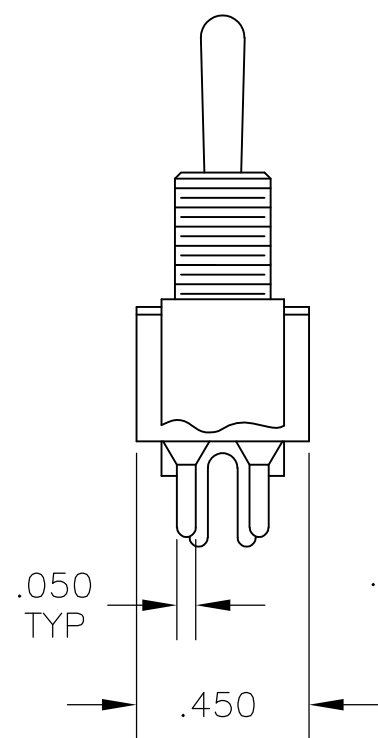


W W4 WIRE WRAP



C PRINTED CIRCUIT

B



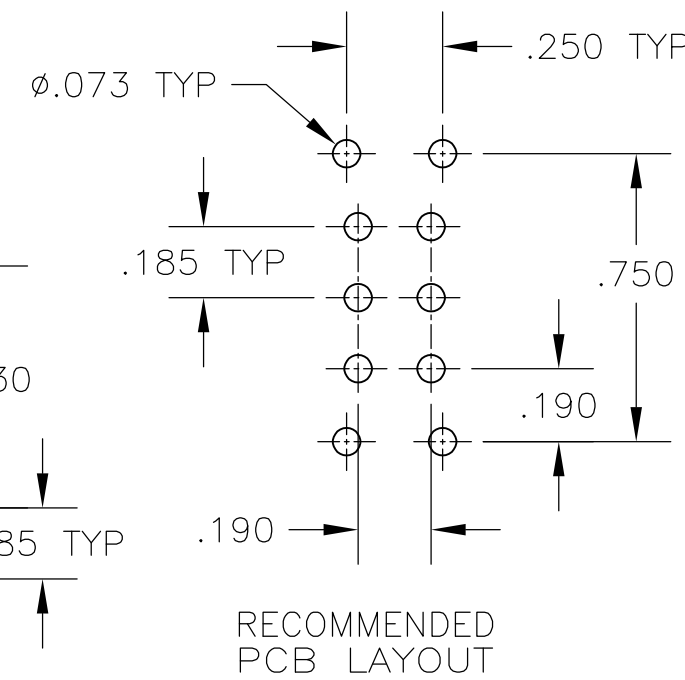
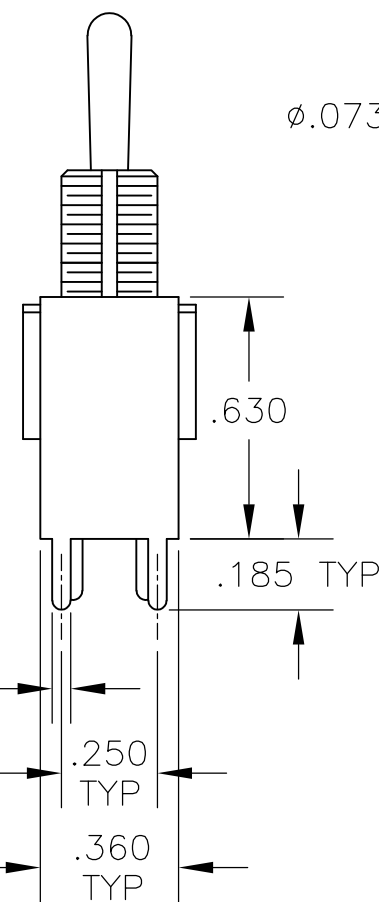
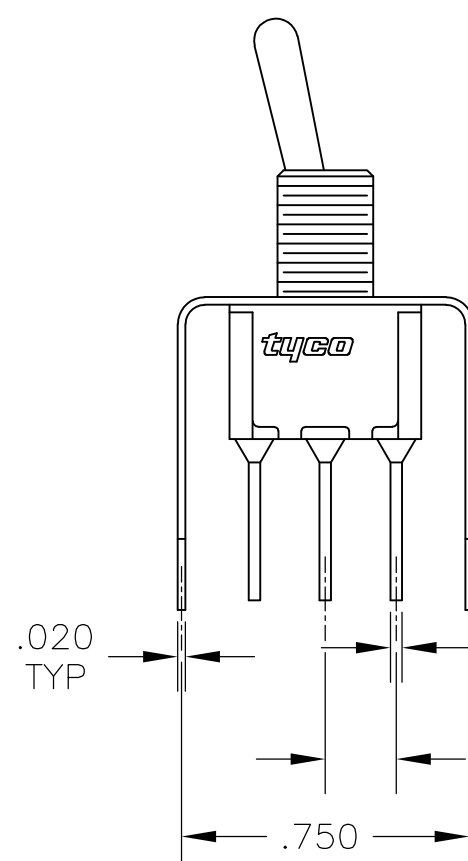
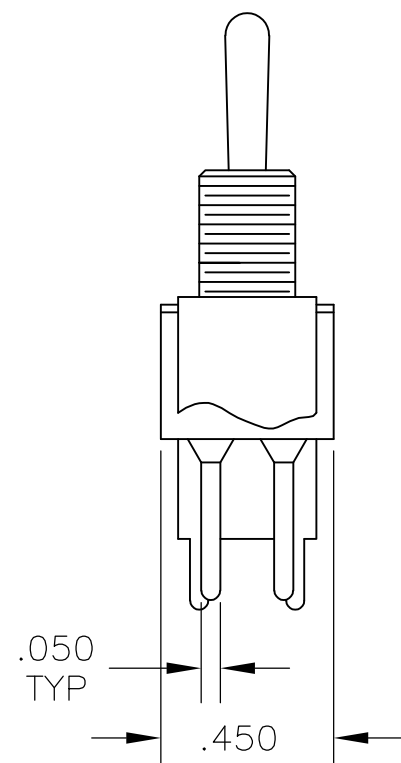
RECOMMENDED
PCB LAYOUT

OPTION	DIM A
V30	.460
V40	.630

V30 V40 5
VERTICAL SUPPORT BRACKET

V70

VERTICAL SUPPORT BRACKET



RECOMMENDED
PCB LAYOUT

A

THIS DRAWING IS A CONTROLLED DOCUMENT.				14APR05			
DWN M. ZITTO				—			
CHK M.ZITTO				—			
APVD P.BROUILLETTE				—			
PRODUCT SPEC				NAME			
APPLICATION SPEC				GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)			
—				—			
MATERIAL				SIZE			
—				CAGE CODE			
FINISH				DRAWING NO			
—				RESTRICTED TO			
—				A2 00779 C=1825138			
CUSTOMER DRAWING				SCALE			
—				2:1			
—				SHEET			
—				3 of 4			
—				REV			
—				A1			