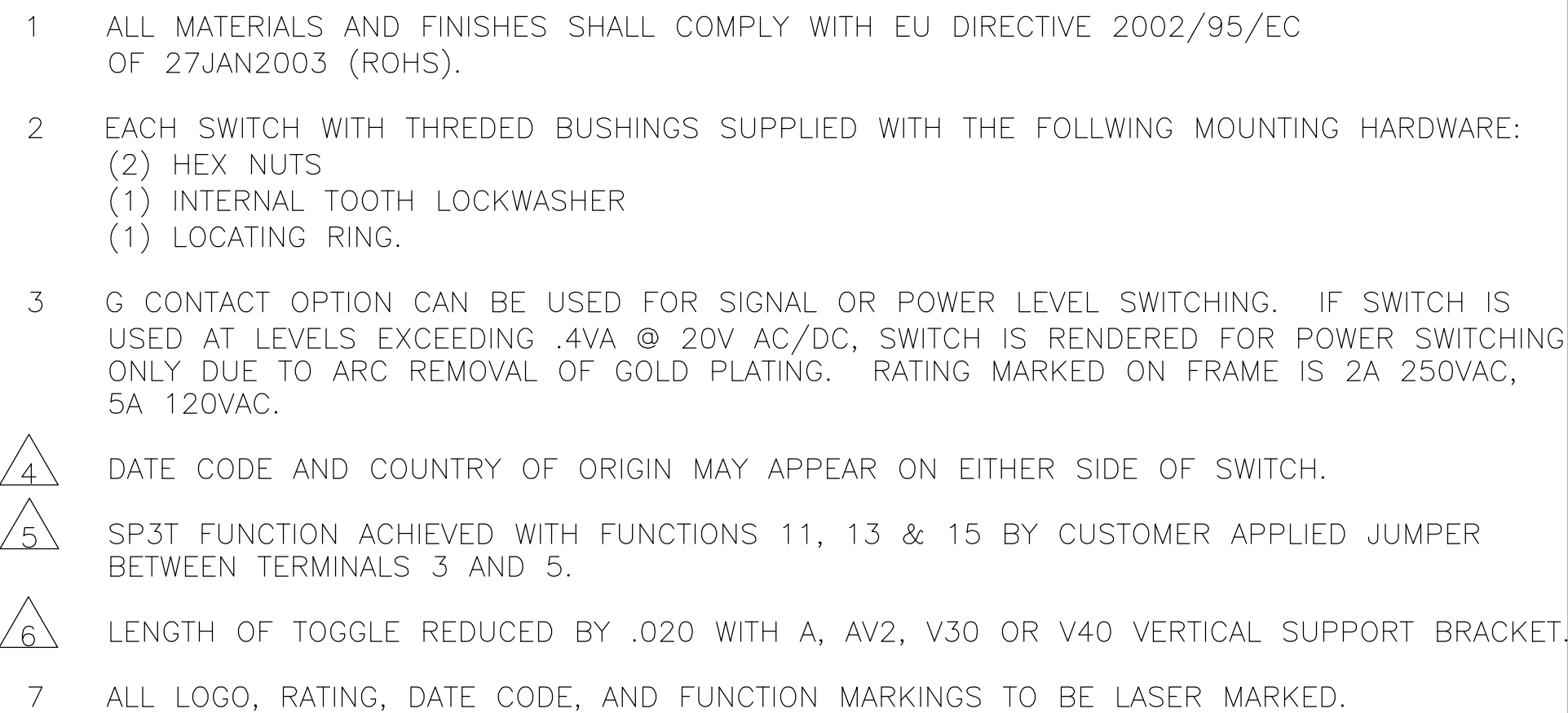
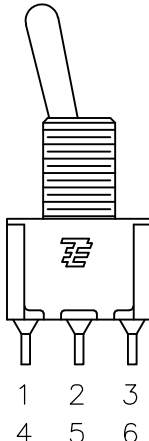
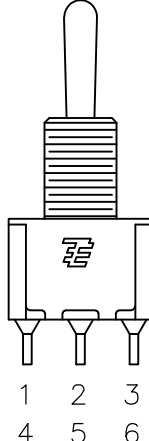
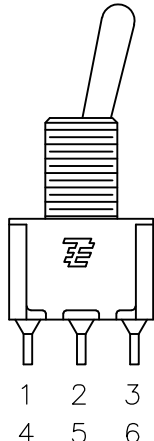
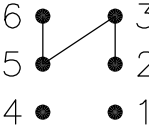
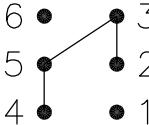
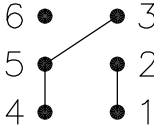




SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 3	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED 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

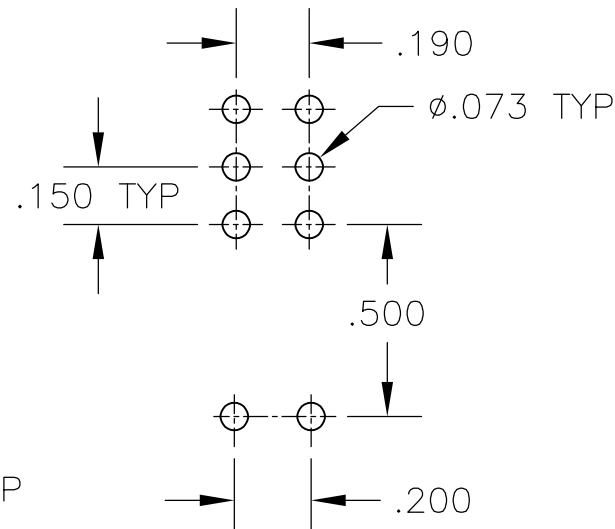
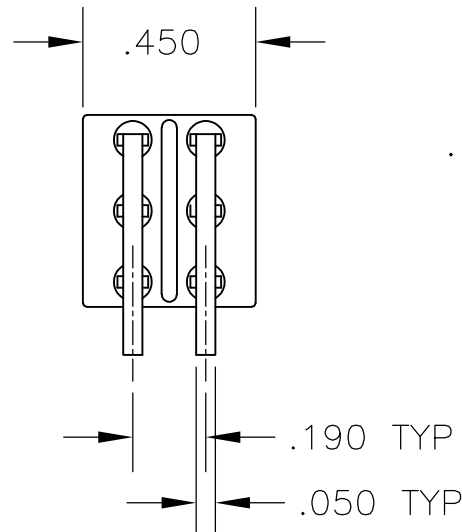
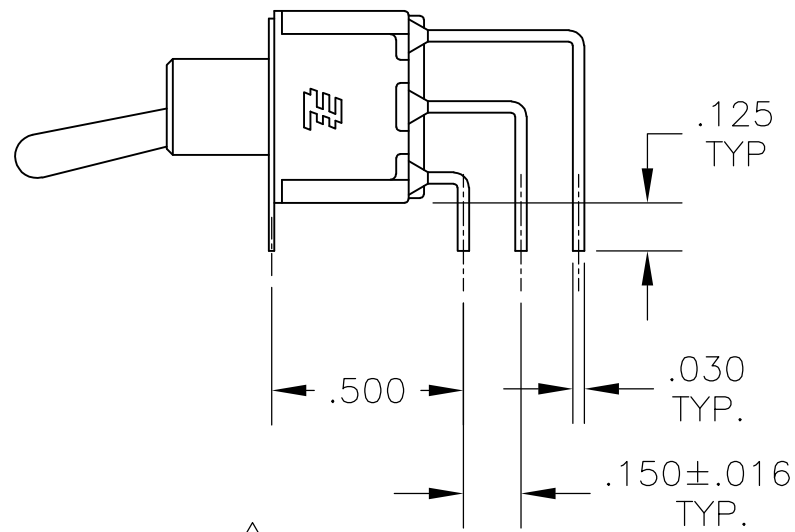
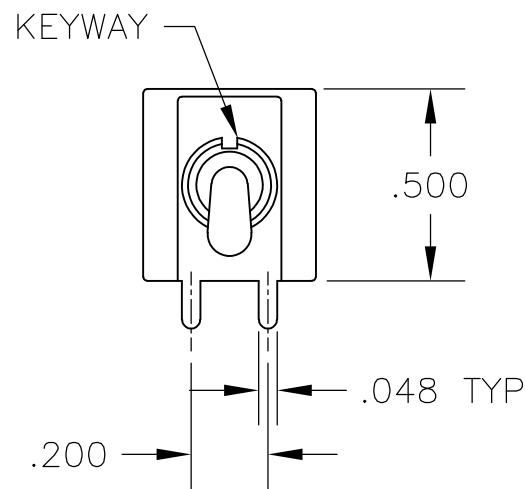
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
A2	03	K	CW	A	B	04
	05	K1	D	AV2	G	
	07	L	D9	C	Q	
	11	L1	H	V30		
	13	L2	Y	V40		
	15	M	Y9	V70		
	SAMPLE: A207SYZQ04		P3			
		S		W4		
		T		Z		
		T1		Z3		

FUNCTION CHART			
FUNCTION			
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(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) SEE 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			

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M. ZITTO 18MAY05		 TE Connectivity						
DIMENSIONS: INCHES			CHK M. ZITTO APVD M. ZITTO						NAME GEMINI A SERIES TOGGLE SWITCH,DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)		
			PRODUCT SPEC —		—						
			APPLICATION SPEC —								
MATERIAL —			FINISH —		WEIGHT 0		SIZE A2	CAGE CODE 00779	DRAWING NO C=1825139	RESTRICTED TO —	
					CUSTOMER DRAWING				SCALE 3:1	SHEET 1 of 4	REV A5

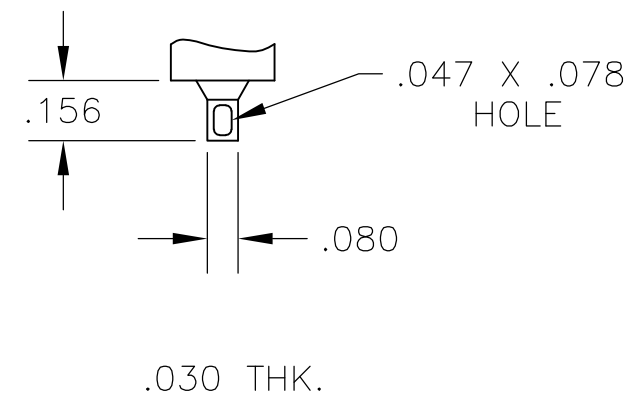
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

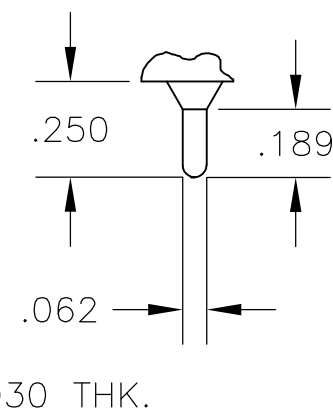


RECOMMENDED
PCB LAYOUT

AV2 VERTICAL RIGHT ANGLE

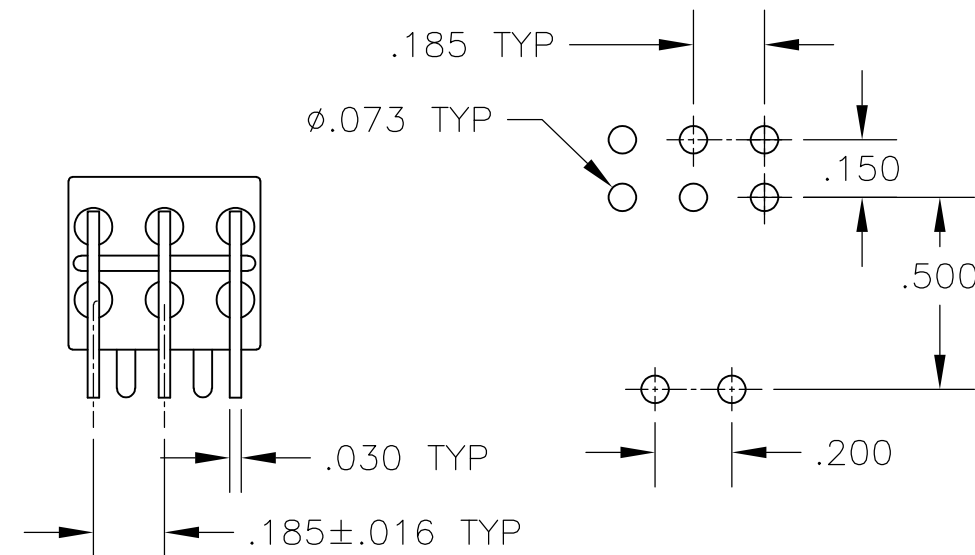
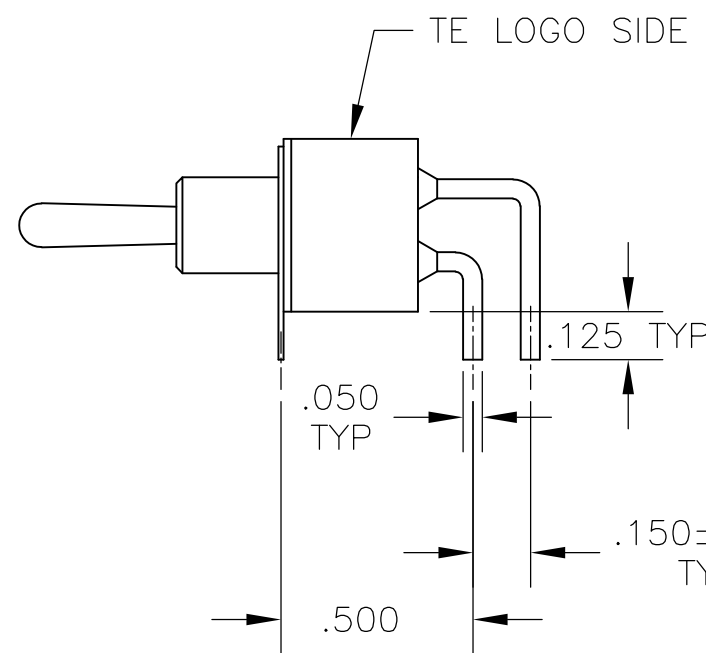
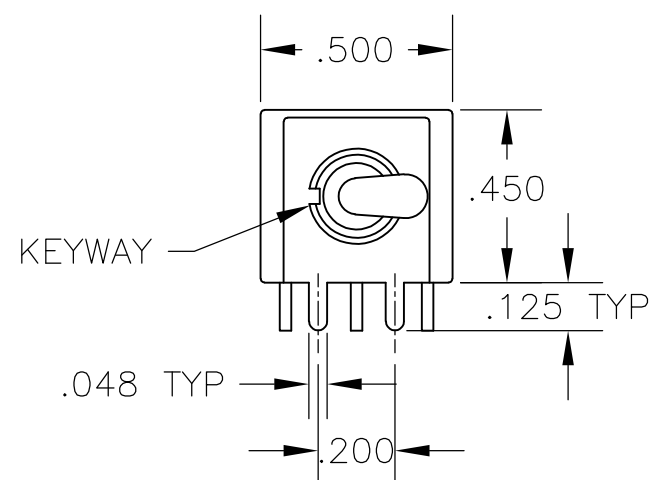


Z WIRE LUG



Z3 QUICK CONNECT

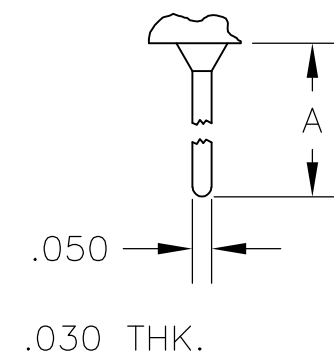
C



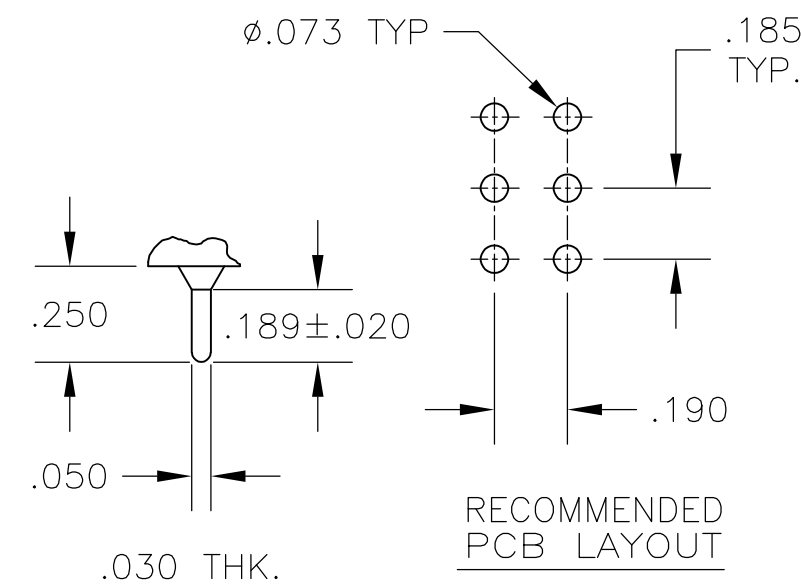
RECOMMENDED
PCB LAYOUT

A RIGHT ANGLE

OPTION	DIM A
W	.736
W4	1.062



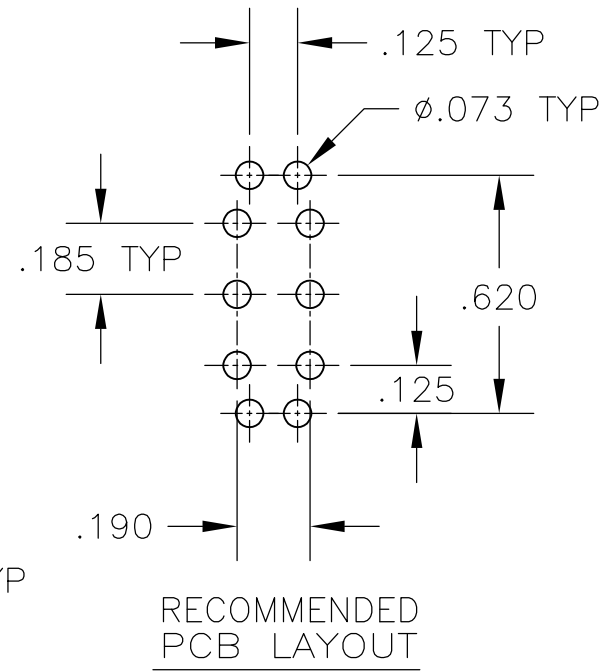
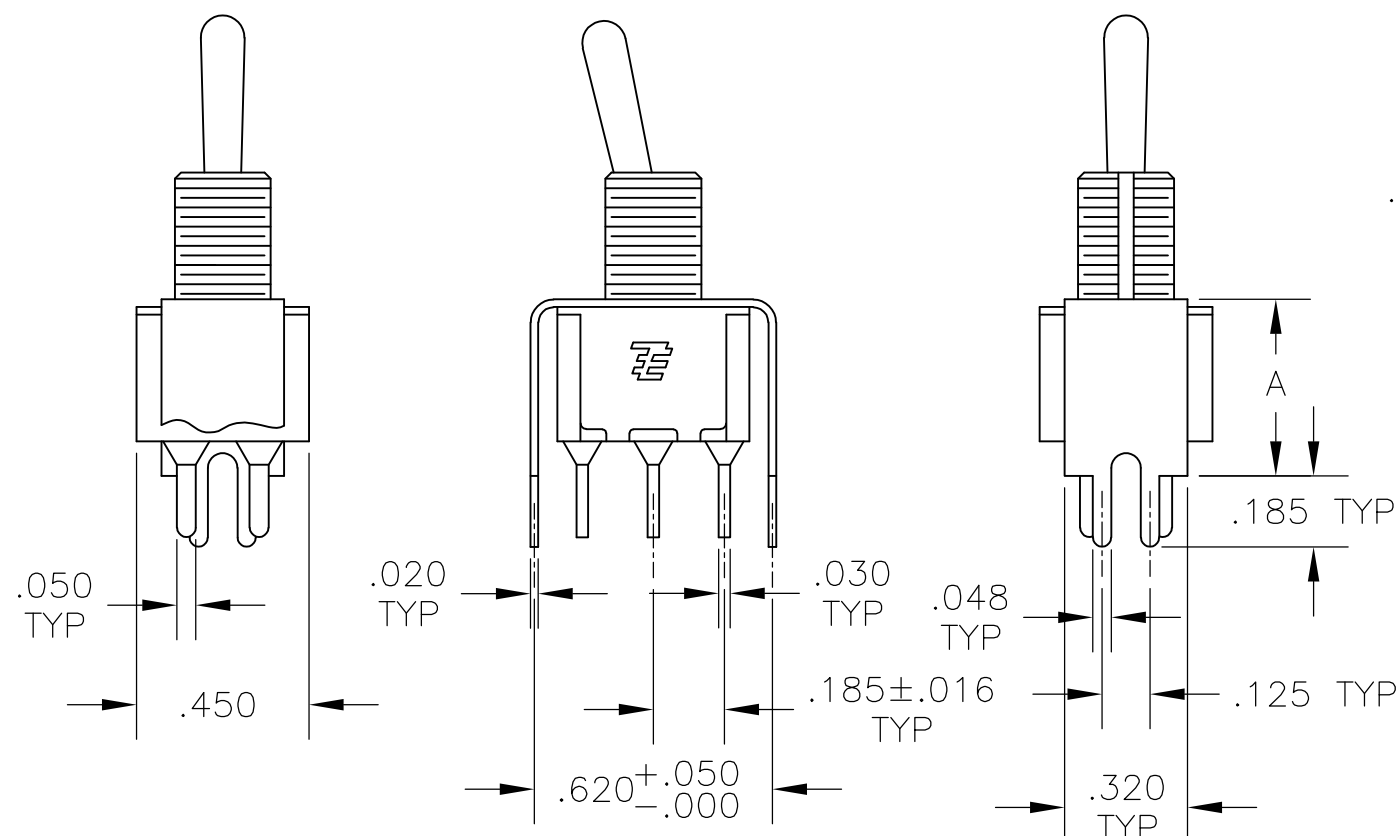
W W4 WIRE WRAP



RECOMMENDED
PCB LAYOUT

C PRINTED CIRCUIT

B

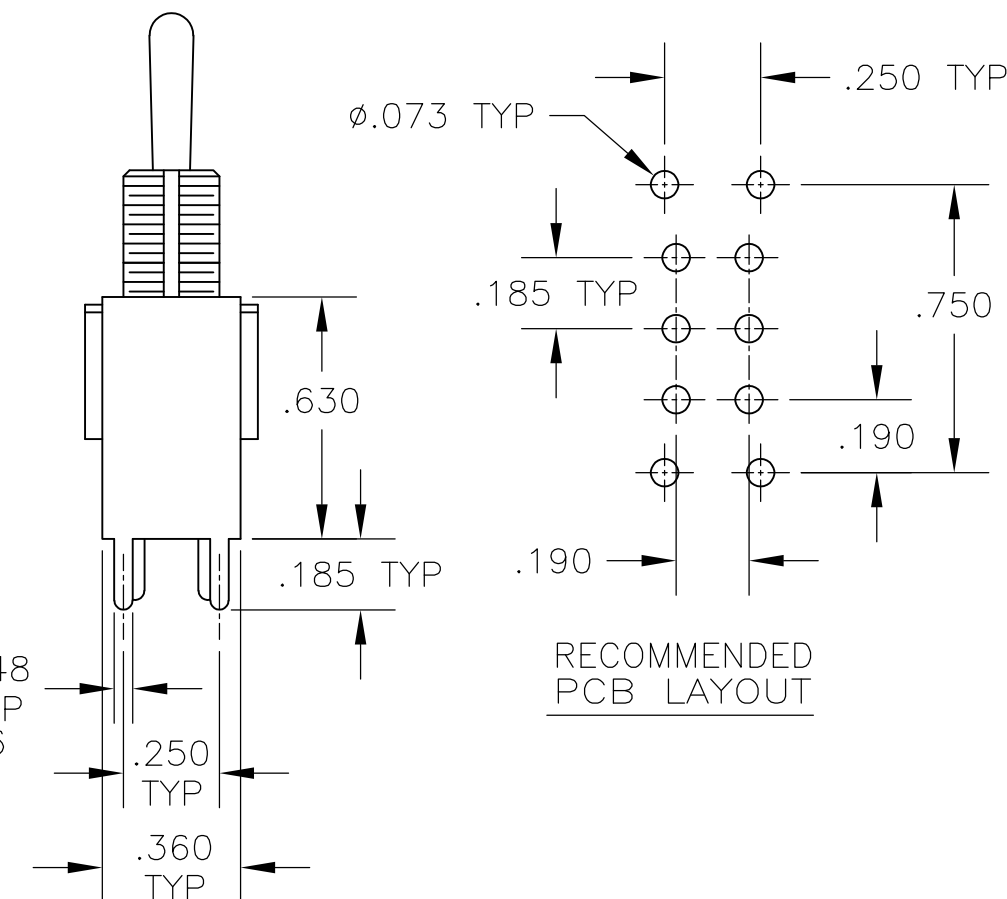
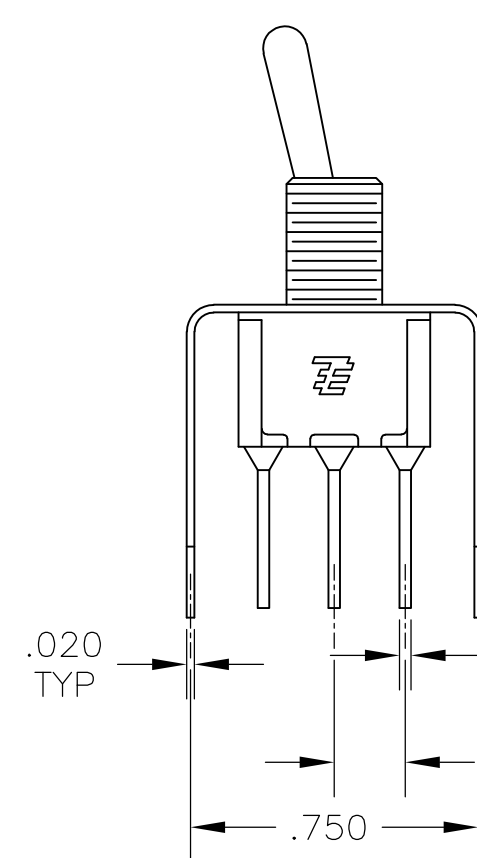
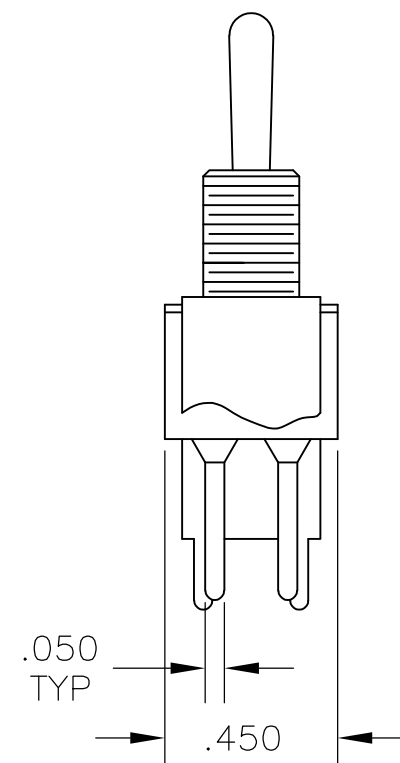


OPTION	DIM A
V30	.460
V40	.630

V30 V40
VERTICAL SUPPORT BRACKET

V70

VERTICAL SUPPORT BRACKET



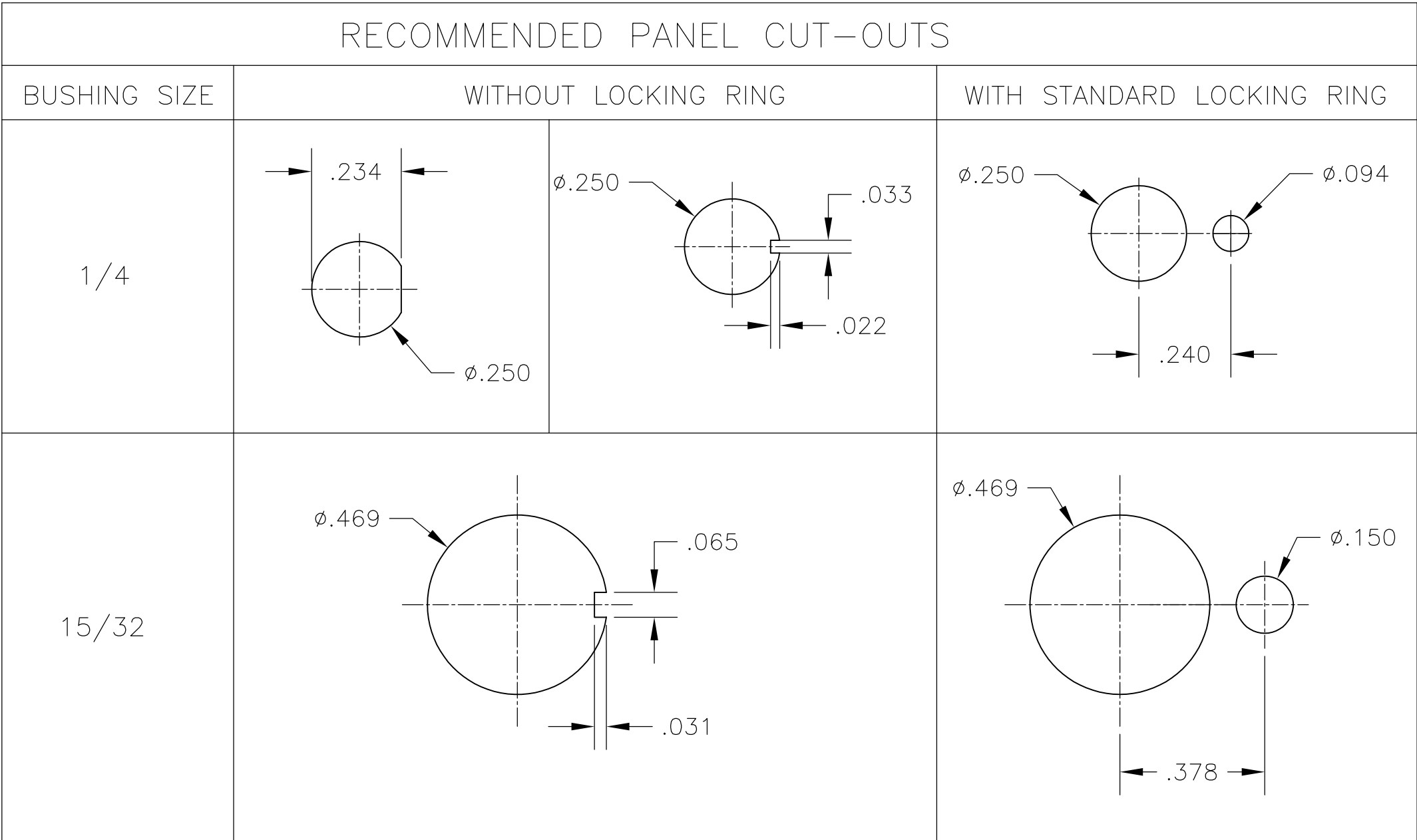
RECOMMENDED
PCB LAYOUT

A

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M. ZITTO CHK M. ZITTO APVD M. ZITTO PRODUCT SPEC — APPLICATION SPEC — WEIGHT —		14APR05		 TE Connectivity					
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME								
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± — ANGLES ± 2°		GEMINI A SERIES TOGGLE SWITCH,DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15) —								
MATERIAL —		FINISH —		SIZE A2		CAGE CODE 00779		DRAWING NO C=1825139		RESTRICTED TO —		
CUSTOMER DRAWING							SCALE 2:1		SHEET 3 of 4		REV A5	

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

Alco P/N	P/N
A203KZQ04	1825139-1
A203MD9AB04	1825139-2
A203P3AV2Q04	1825139-3
A203P3ZQ04	1825139-4
A203SD9AV2B04	1825139-5
A203SD9AV2Q04	1825139-6
A203SDZQ04	1825139-7
A203SYCB04	1825139-8
A203SYCQ04	1825139-9
A203SYZQ04	1-1825139-0
A203T1ZQ04	1-1825139-1
A203TZQ04	1-1825139-2
A205KZB04	1-1825139-3
A205P3ZQ04	1-1825139-4
A205SD9AB04	1-1825139-5
A205SYCB04	1-1825139-6
A205SYCQ04	1-1825139-7
A205SYZQ04	1-1825139-8
A205T1ZQ04	1-1825139-9
A205TZQ04	2-1825139-0
A207P3ZQ04	2-1825139-1
A207SYCB04	2-1825139-2
A207SYCQ04	2-1825139-3
A207SYZQ04	2-1825139-4
A207T1ZQ04	2-1825139-5
A207TZQ04	2-1825139-6
A211KZB04	2-1825139-7
A211MD9AQ04	2-1825139-8
A211MYCQ04	2-1825139-9
A211P3CQ04	3-1825139-0
A211P3V40G04	3-1825139-1
A211P3ZQ04	3-1825139-2
A211SCWCQO04	3-1825139-3
A211SDZQ04	3-1825139-4
A211SHZQ04	3-1825139-5
A211SY9AQ04	3-1825139-6
A211SYCQ04	3-1825139-7
A211SYZB04	3-1825139-8
A211SYZQ04	3-1825139-9
A211T1ZQ04	4-1825139-0
not assigned	4-1825139-1
A213SYZQ04	4-1825139-2
A215SD9V30B04	4-1825139-3
A215SY9AQ04	4-1825139-4
A215SYZQ04	4-1825139-5
A203LYCQ04	4-1825139-6
A203LD9CQ04	4-1825139-7
A203LDCQ04	4-1825139-8



MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	FINISH
CASE	DAP, RED, UL94 V-0	
FRAME	STAINLESS STEEL	
B TERMINALS & CONTACTS	COPPER	GOLD OVER NICKEL
G TERMINALS & CONTACTS	COPPER	GOLD OVER SILVER
Q TERMINALS & CONTACTS	COPPER	.000400 SILVER
ACTUATOR	PHENOLIC, BLACK, UL94 V-1	
LEVER	BRASS	CHROME
BUSHING	BRASS	NICKEL
SPRING	MUSIC WIRE	
SUPPORT BRACKET	BRASS	TIN
PIVOT PIN	STEEL	NICKEL
LOCK WASHER	STAINLESS STEEL	
LOCKING RING	STAINLESS STEEL	
NUTS	C3604BD BRASS	NICKEL
TERMINAL SEAL	EPOXY	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO	14APR05	TE Connectivity	
DIMENSIONS: INCHES		CHK M. ZITTO	-		
		APVD M. ZITTO	-	NAME GEMINI A SERIES TOGGLE SWITCH,DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)	
		PRODUCT SPEC			
MATERIAL -		FINISH -		SIZE A2	
		WEIGHT -		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO 1825139	
				RESTRICTED TO -	
				SCALE 3:1	
				SHEET 4 of 4	
				REV A5	

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