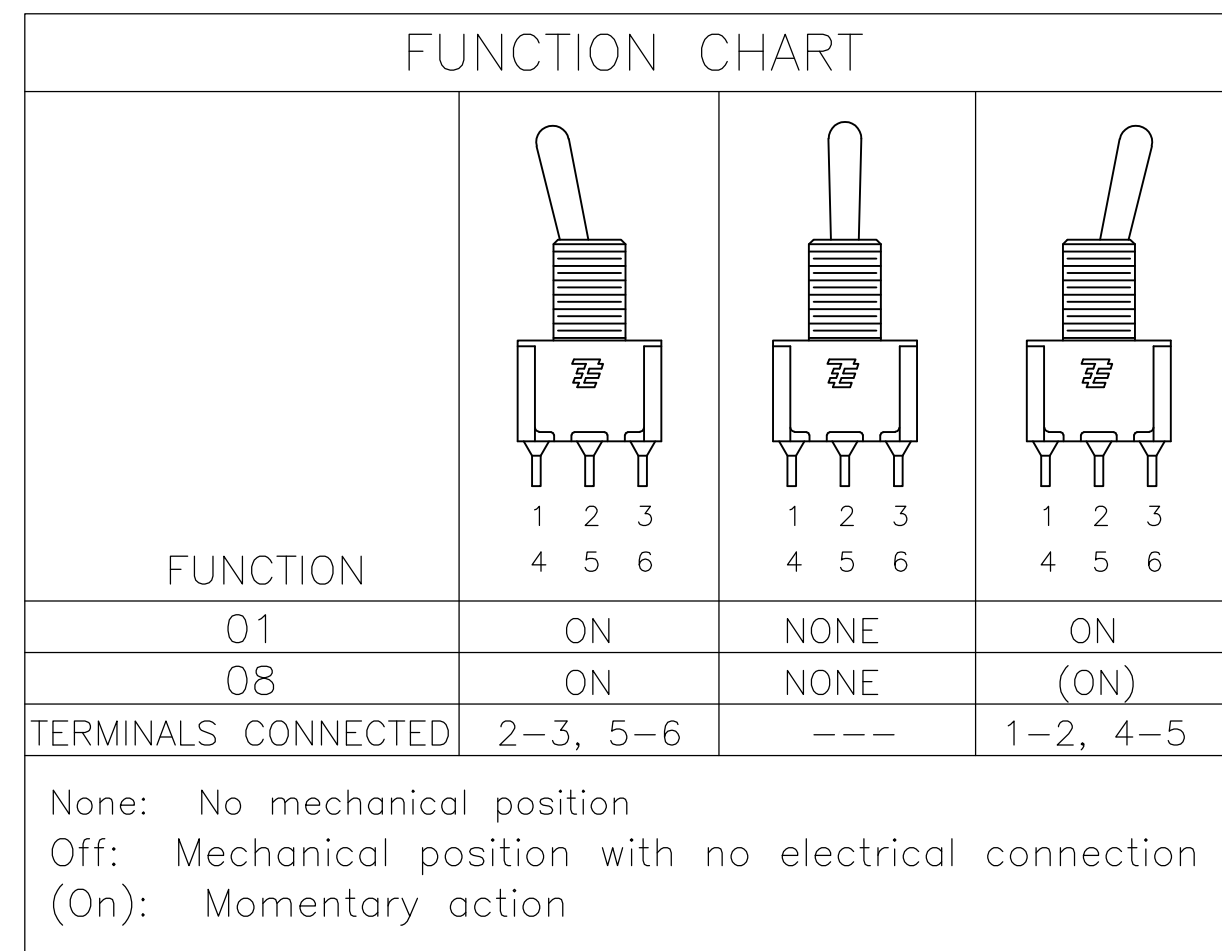
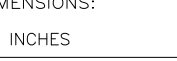


- 1 ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS).
- 2 EACH SWITCH WITH THREADED BUSHINGS SUPPLIED WITH THE FOLLOWING MOUNTING HARDWARE:
 - (2) HEX NUTS
 - (1) INTERNAL TOOTH LOCKWASHER
 - (1) LOCATING RING.
- 3 G CONTACT OPTION CAN BE USED FOR SIGNAL OR POWER 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.



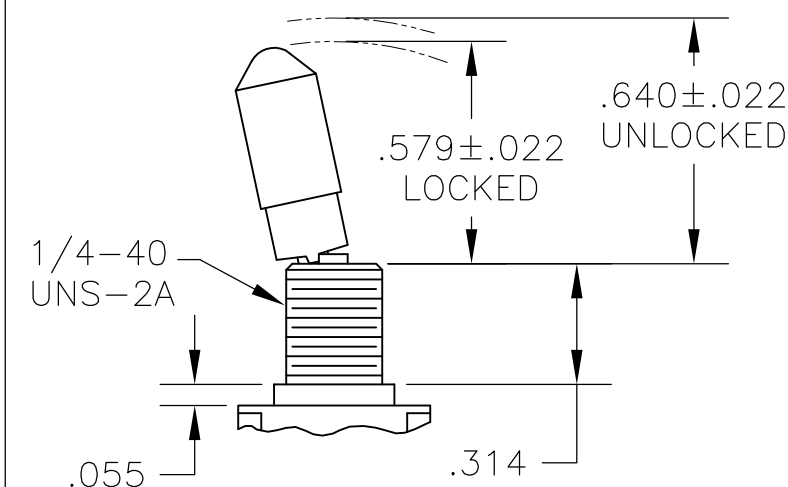
PART NUMBER SEQUENCE CHART							
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS	
MPLE: A201SYCQ04	A2	01	K	CW	A	B	04
		08	K1	D	AV2	G	
			L	D9	C	Q	
			L1	H	V30		
			L2	Y	V40		
			M	Y9	V70		
			P3		W		
			S		W4		
			T		Z		
			T1		Z3		

EXAMPLE: A201SYCQ04

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M. ZITTO 18MAY05 CHK M. ZITTO APVD M. ZITTO		 TE Connectivity										
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)									
		0 PLC ± -		PRODUCT SPEC		-									
		1 PLC ± -		-											
2 PLC ± -		3 PLC ± .010		APPLICATION SPEC		SIZE		GAGE CODE		DRAWING NO		RESTRICTED TO			
4 PLC ± -		ANGLES ± 2°		-		A2		00779		C-1825138		-			
MATERIAL -		FINISH -		WEIGHT -											
CUSTOMER DRAWING										SCALE 3:1		SHEET 1 of 4		REV A4	

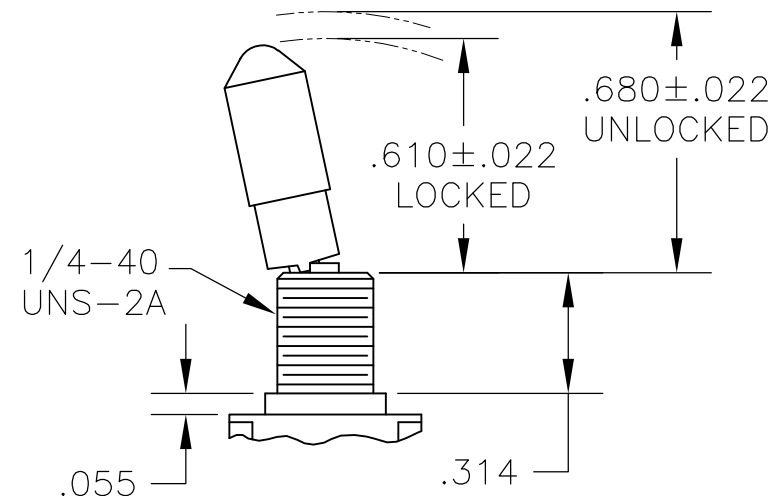
M SHORT

DIM L	BUSHING TYPE	DIM L	BUSHING TYPE
.200	Y, H	.410	Y, H
.270	D, D9	.480	D, D9



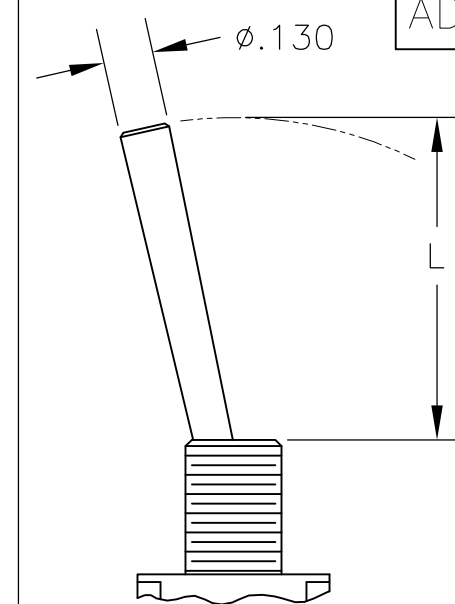
K

NO BUSHING OPTION NEEDED



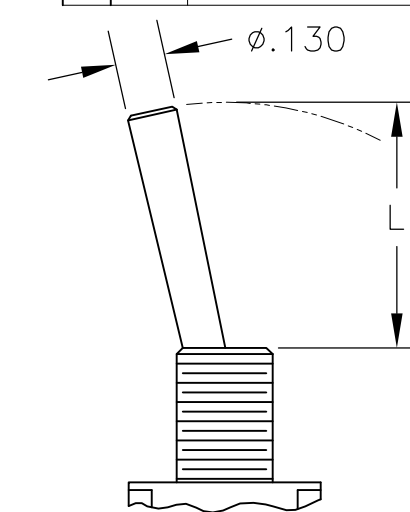
K 1

NO BUSHING OPTION NEEDED

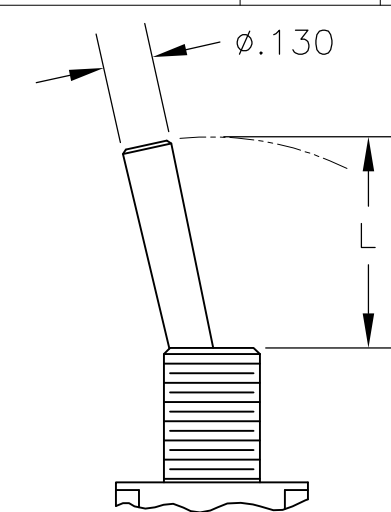


L LEVER

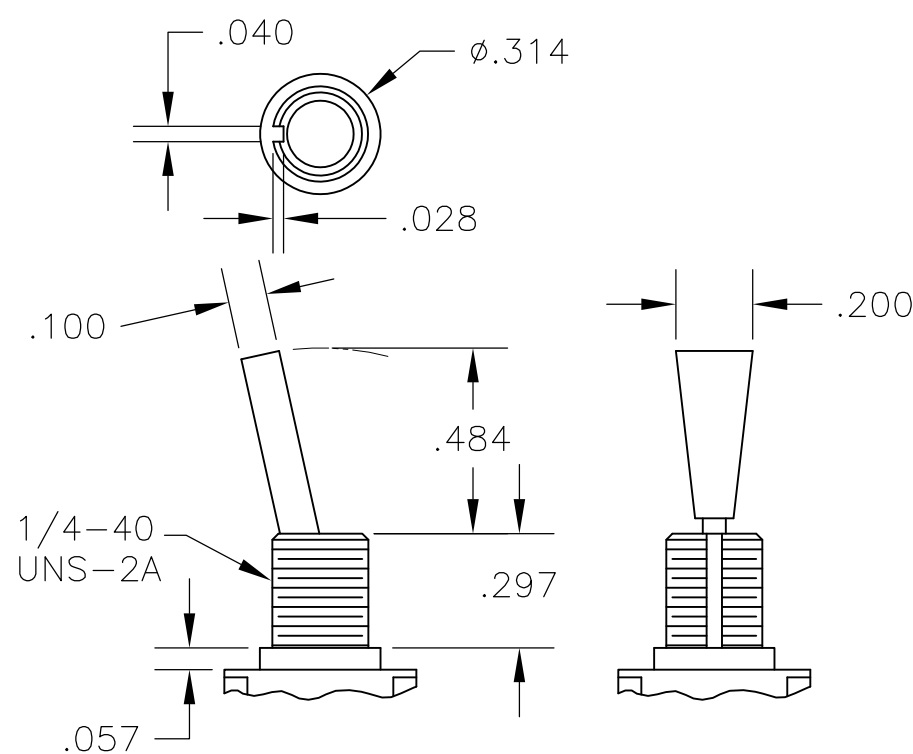
DIM L	BUSHING TYPE	DIM L	BUSHING TYPE	DIM L	BUSHING TYPE
.840	Y, H	.640	Y, H	.550	Y, H
.910	D, D9	.710	D, D9	.620	D, D9



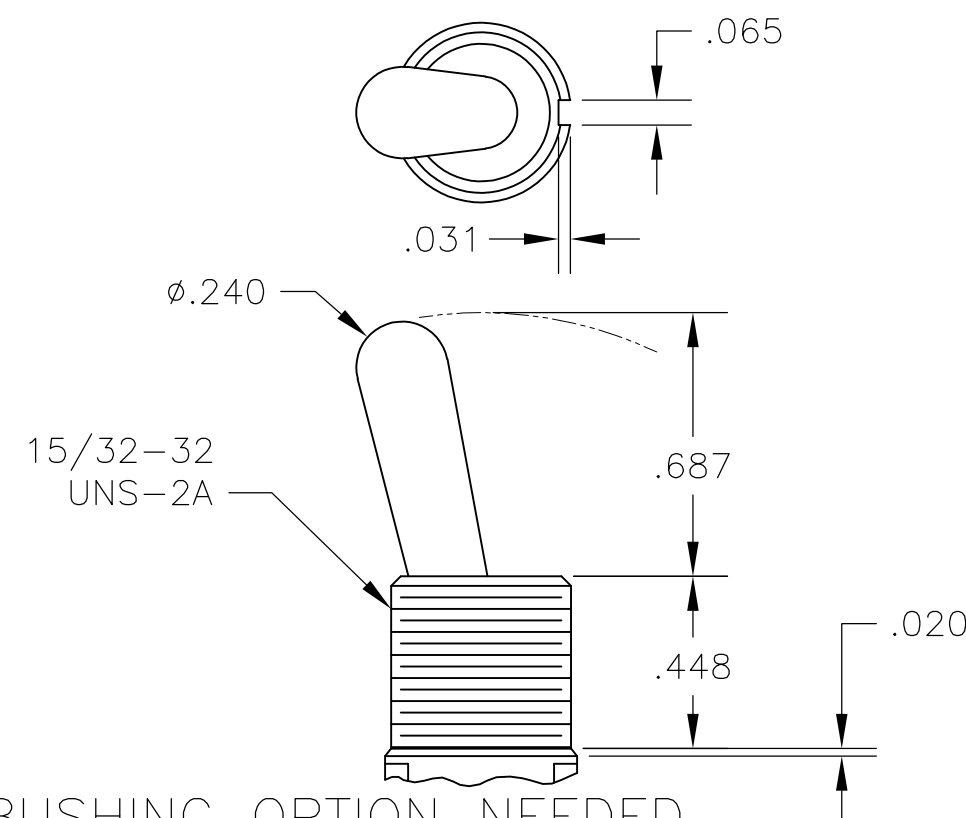
L1 LEVER



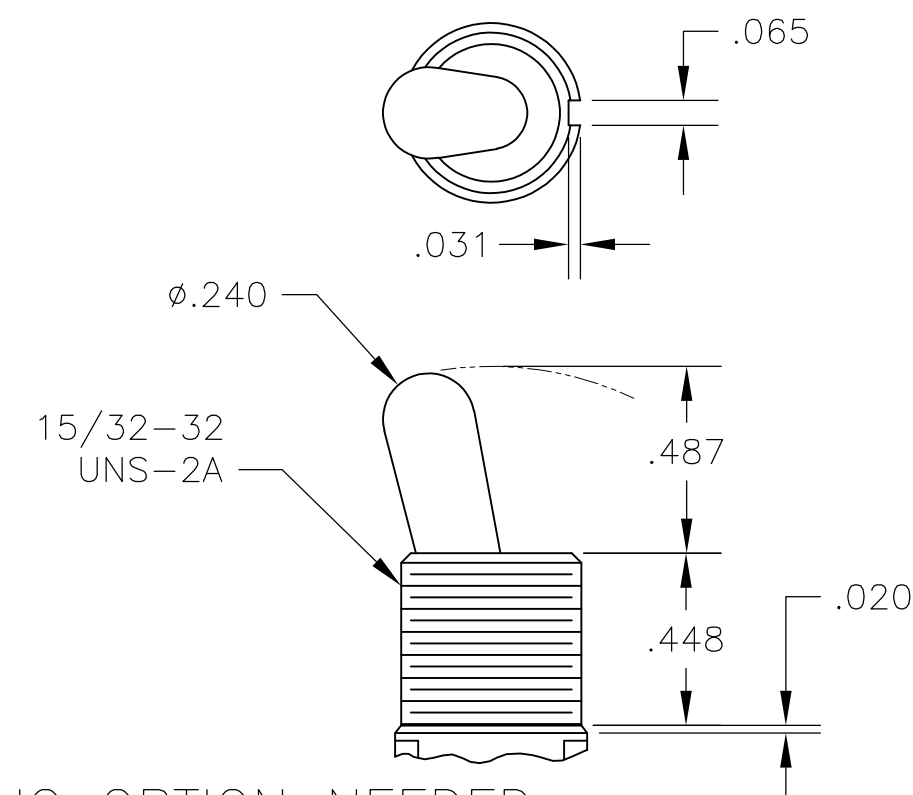
L2 LEVER



[P3] NO BUSHING OPTION NEEDED



☐ NO BUSHING OPTION NEEDED



T1 NO BUSHING OPTION NEEDED

1/4-40
UNS-2A

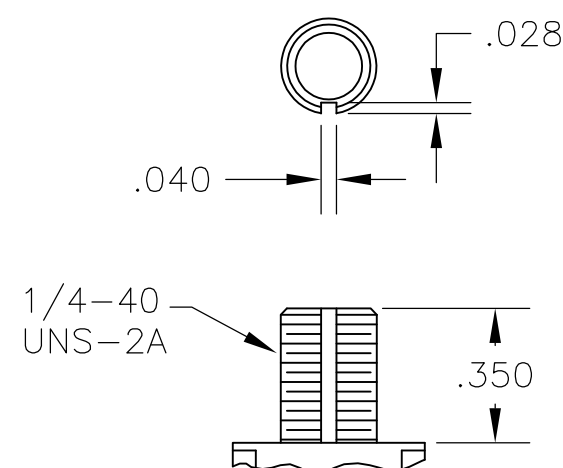
.040

.028

.280

D THREADED

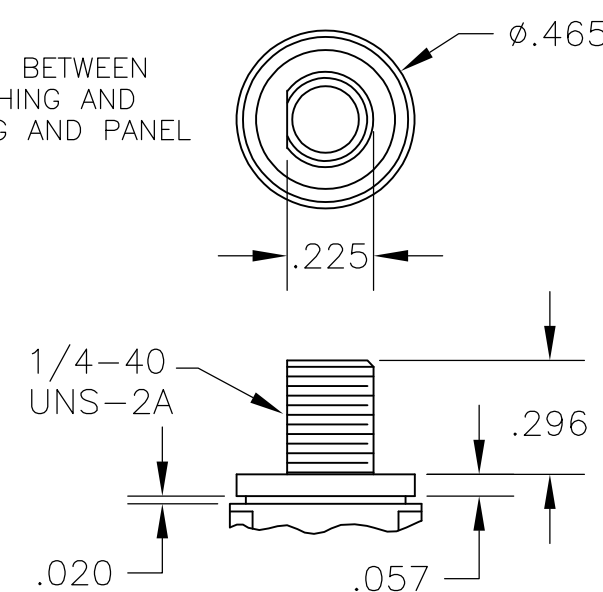
D9 UNTHREADED



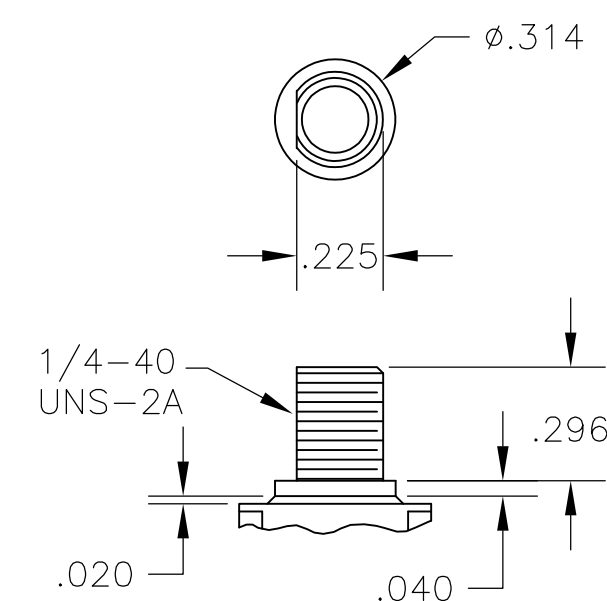
Y THREADED

Y9 UNTHREADED

CONTAINS O-RING BETWEEN
TOGGLE AND BUSHING AND
BETWEEN BUSHING AND PANEL



CW THREADED SPLASHPROOF



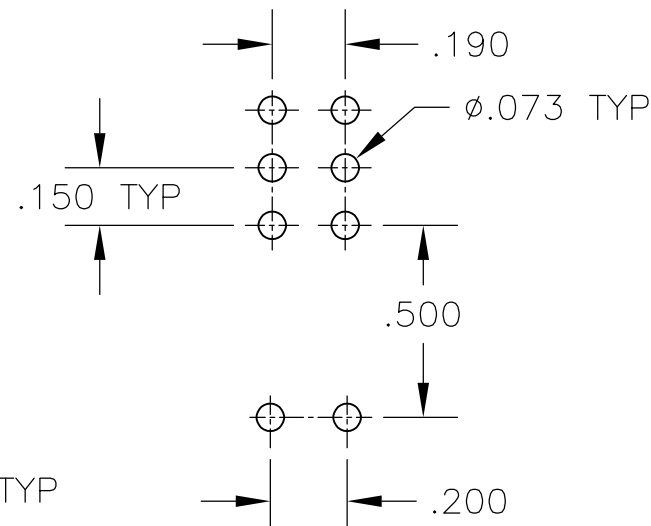
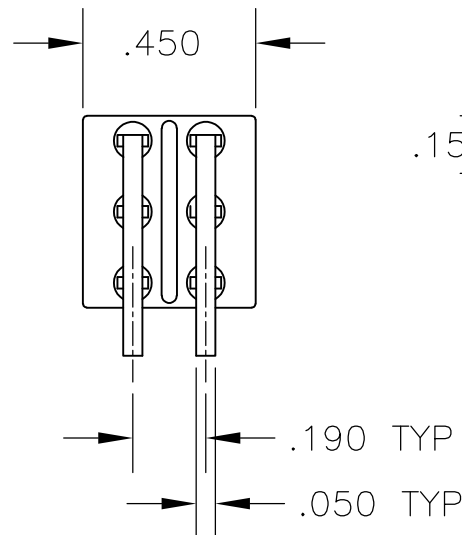
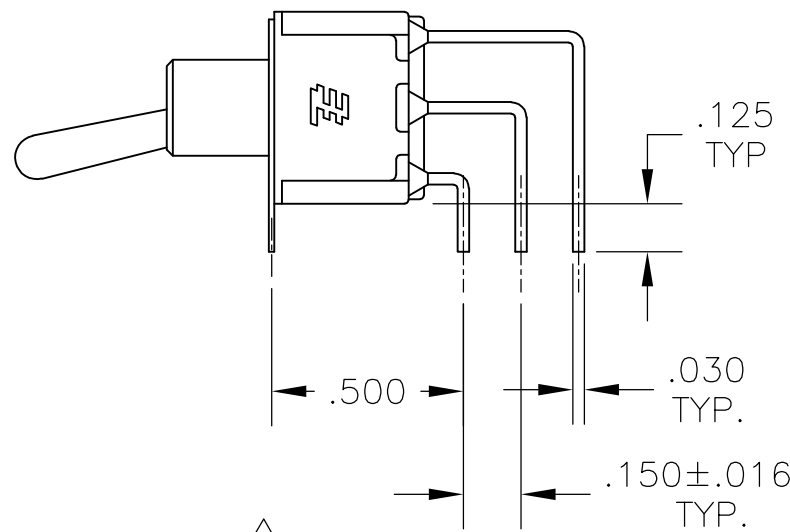
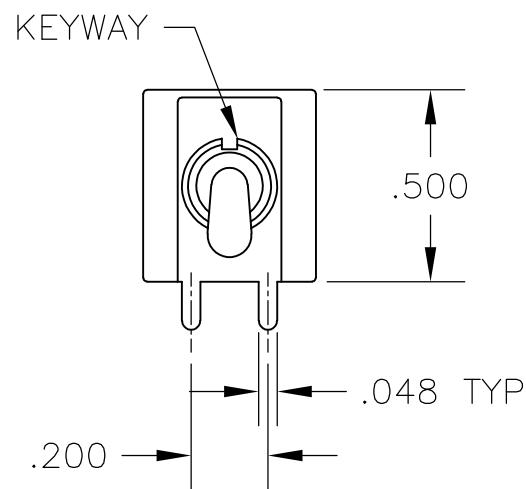
H	HIGH TORQUE
---	-------------

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		M. ZITTO		NAME	
INCHES				APVD P. BROUILLETTE		GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)	
		0 PLC ± —	PRODUCT SPEC	—			
		1 PLC ± —		—			
		2 PLC ± —		APPLICATION SPEC			
		3 PLC ± .010		—			
MATERIAL		4 PLC ± —	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
FINISH		ANGLES ± ± —	—	A2	00779	C-1825138	—
CUSTOMER DRAWING				SCALE	2:1	SHEET	2 of 4
				REV	A4		

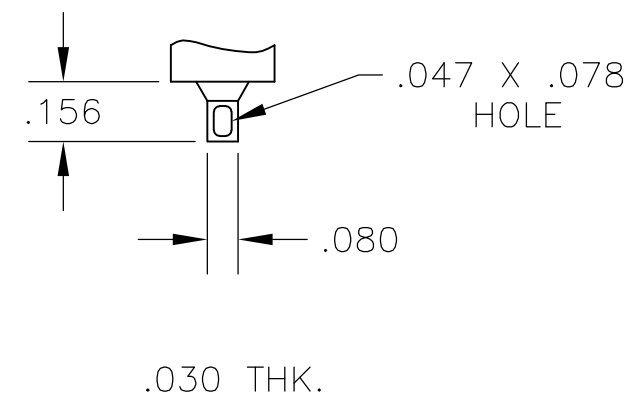
LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION			DATE
						SEE SHEET 1			DWN
									APVD

D



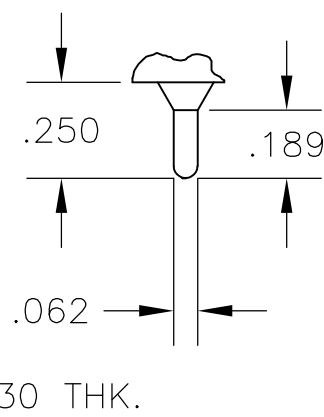
RECOMMENDED
PCB LAYOUT

AV2 VERTICAL RIGHT ANGLE 5



.030 THK.

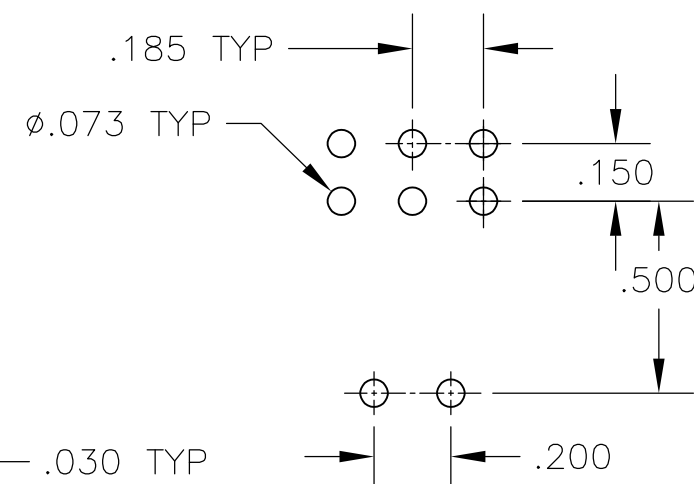
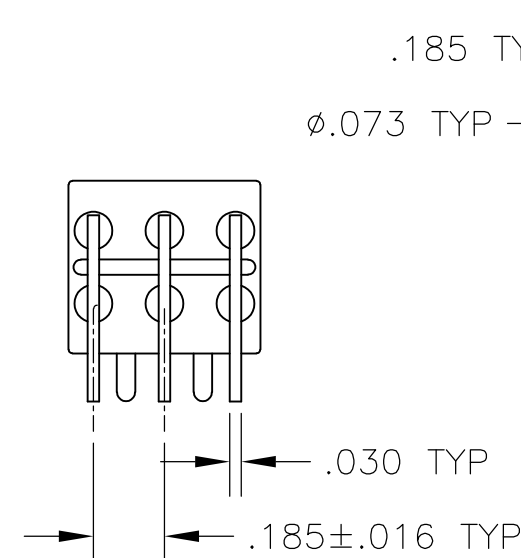
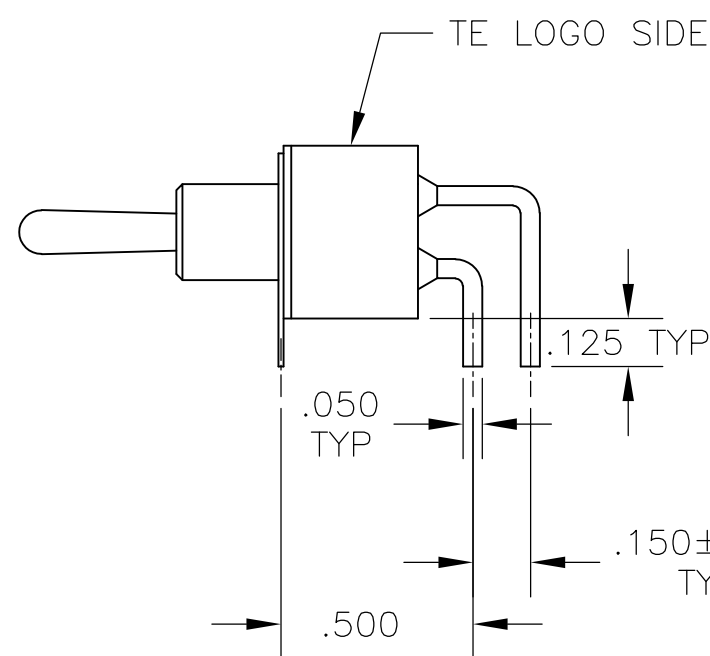
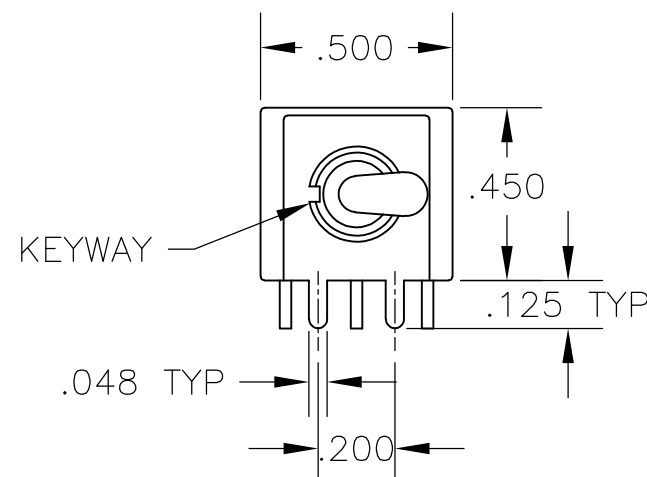
Z WIRE LUG



.030 THK.

Z3 QUICK CONNECT

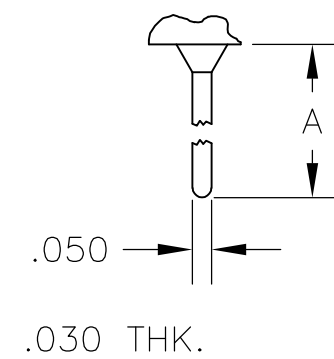
C



RECOMMENDED
PCB LAYOUT

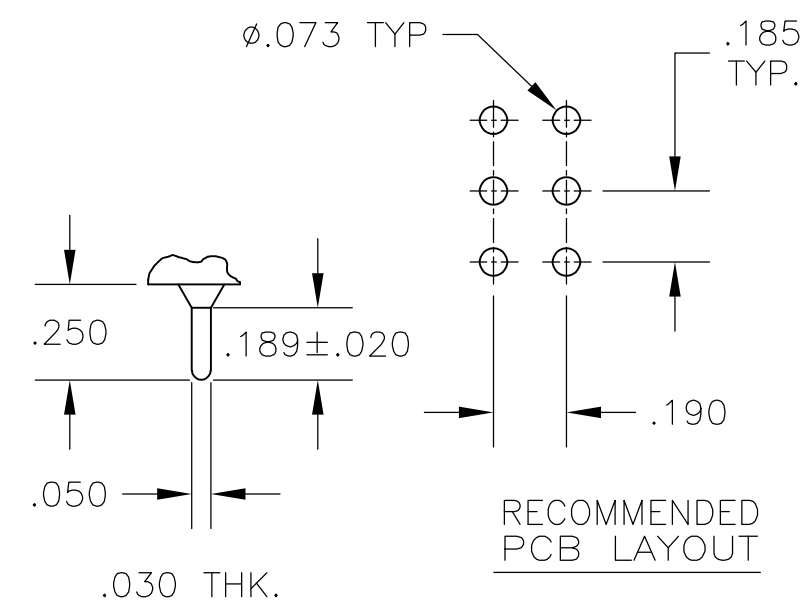
A RIGHT ANGLE 5

OPTION	DIM A
W	.736
W4	1.062



.030 THK.

W W4 WIRE WRAP

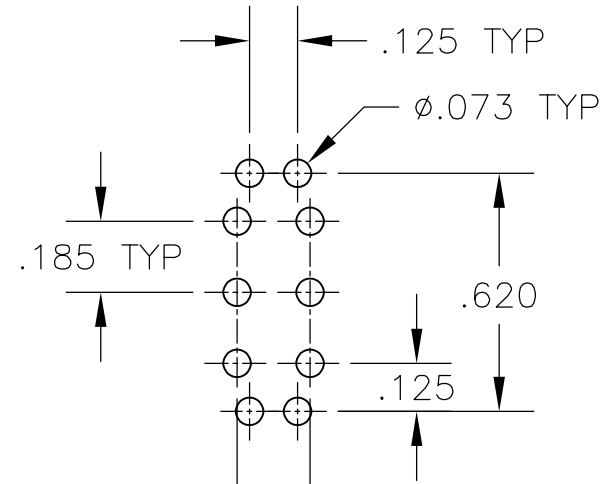
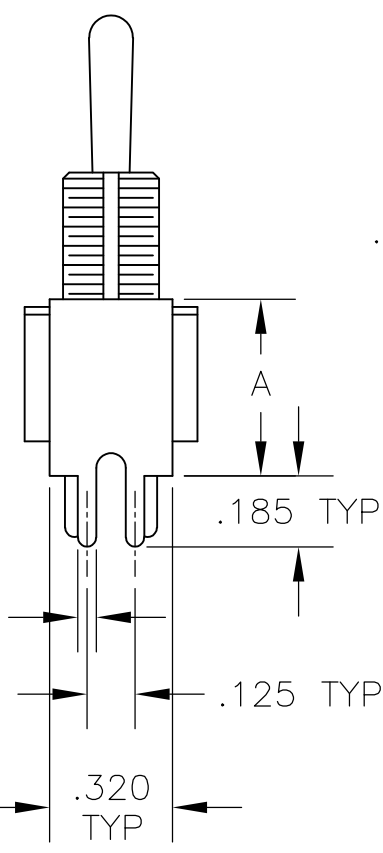
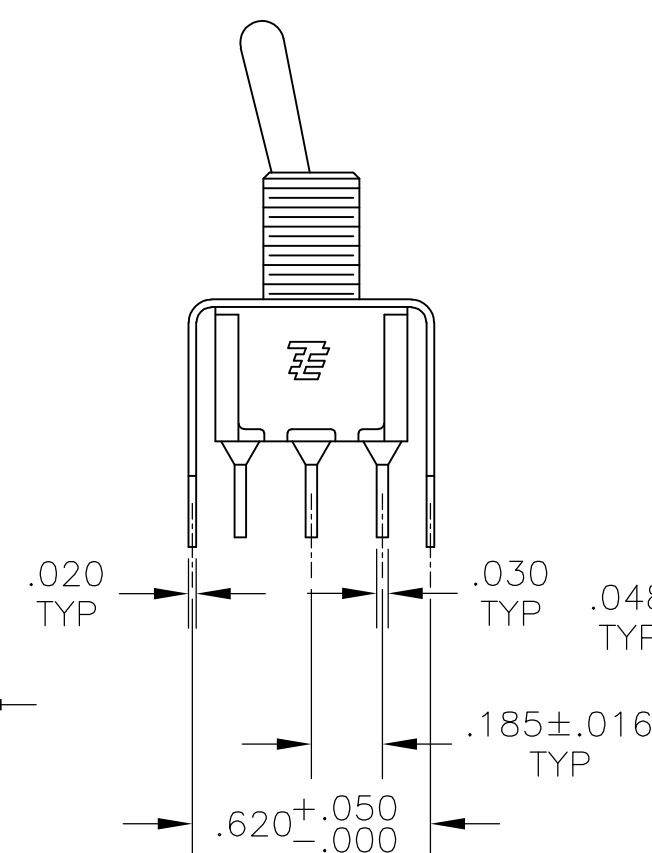
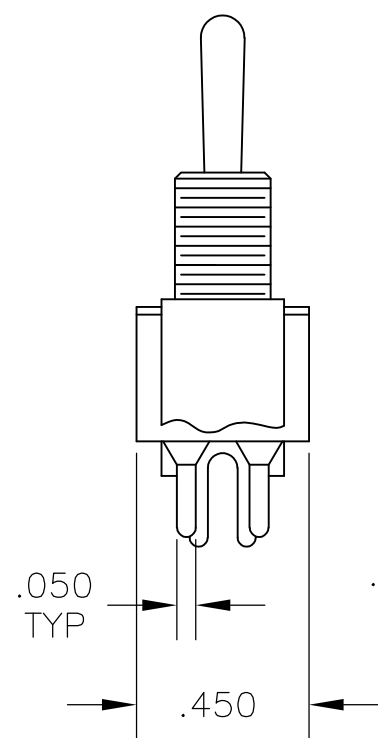


.030 THK.

RECOMMENDED
PCB LAYOUT

C PRINTED CIRCUIT

B



RECOMMENDED
PCB LAYOUT

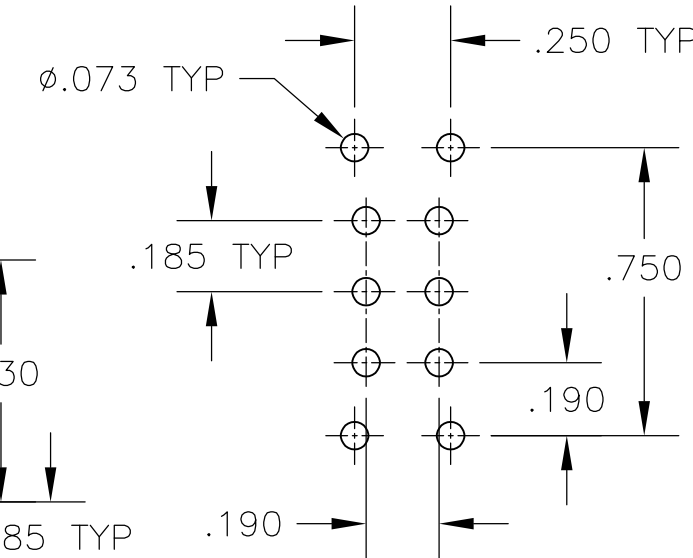
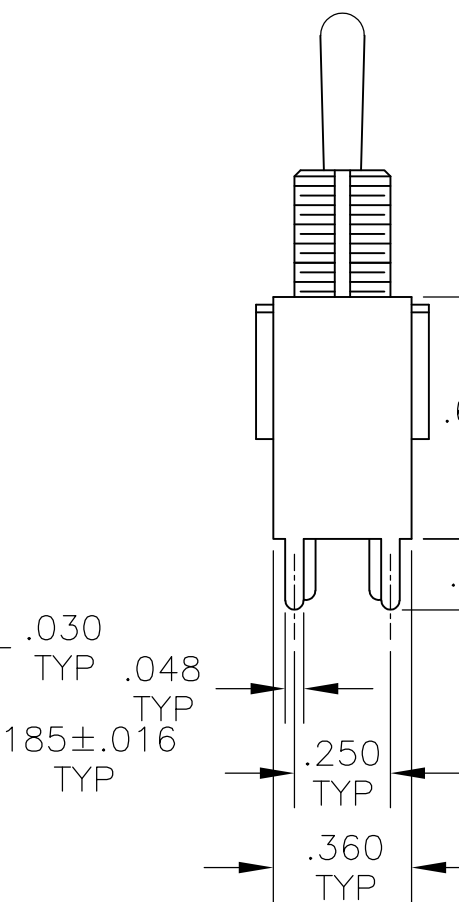
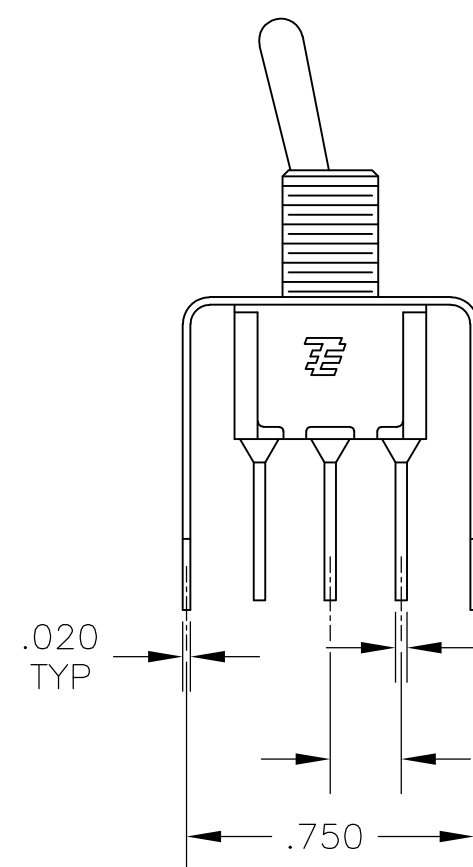
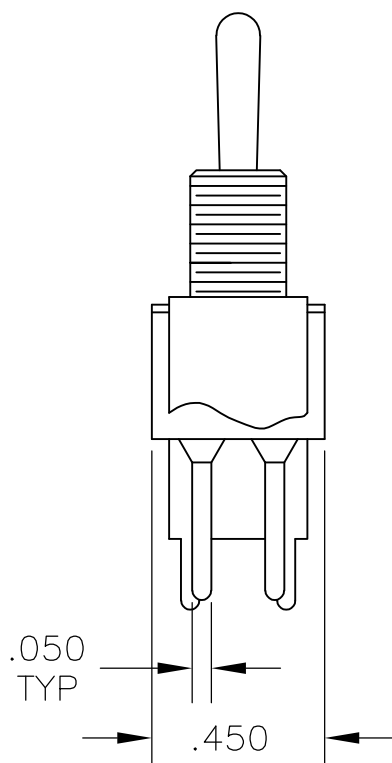
OPTION	DIM A
V30	.460
V40	.630

V30 V40 5

VERTICAL SUPPORT BRACKET

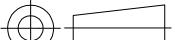
V70

VERTICAL SUPPORT BRACKET



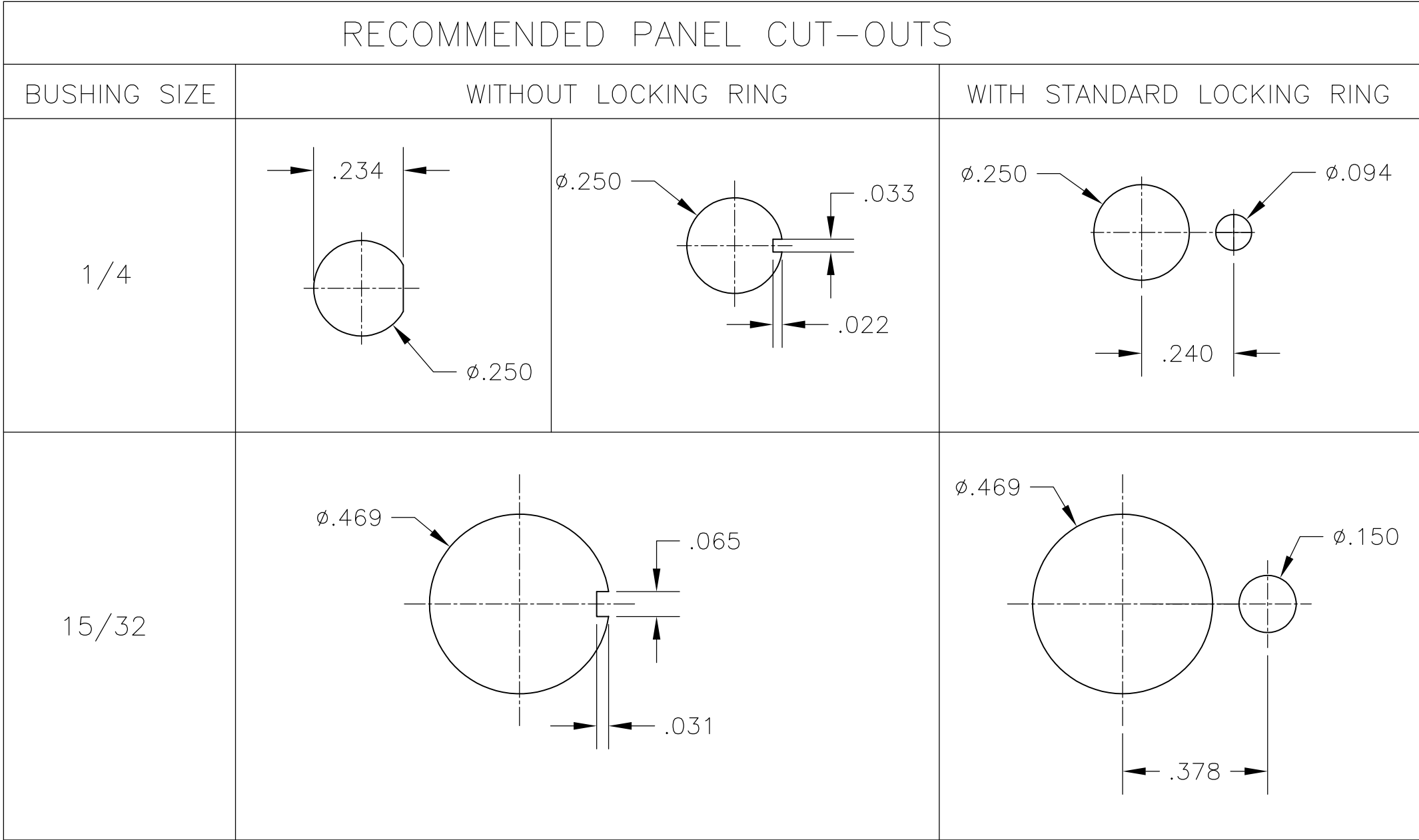
RECOMMENDED
PCB LAYOUT

A

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN M. ZITTO	14APR05		 TE Connectivity							
				CHK M. ZITTO	—									
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD P. BROUILLETTE	—		NAME							
INCHES				PRODUCT SPEC	—		GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)							
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± — ANGLES ± —		APPLICATION SPEC	—		SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO			
MATERIAL		FINISH		WEIGHT	—		A2		00779	G=1825138	—			
—		—		CUSTOMER DRAWING				SCALE		2:1	SHEET	3 of 4	REV	A4

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

Alco P/N	P/N
A201KAB04	1825138-1
A201KD9AQ04	1825138-2
A201KZQ04	1825138-3
not assigned	1825138-4
A201L1D9V30Q04	1825138-5
A201MD9AB04	1825138-6
A201MD9AQ04	1825138-7
A201MD9AV2B04	1825138-8
A201MD9AV2Q04	1825138-9
A201MDAQ04	1-1825138-0
not assigned	1-1825138-1
A201MYAQ04	1-1825138-2
A201MYCB04	1-1825138-3
A201MYZQ04	1-1825138-4
A201P3ZQ04	1-1825138-5
A201SCWZB04	1-1825138-6
A201SD9AQ04	1-1825138-7
A201SD9AV2Q04	1-1825138-8
A201SDCB04	1-1825138-9
A201SDZQ04	2-1825138-0
A201SY9AB04	2-1825138-1
A201SYAB04	2-1825138-2
A201SYAQ04	2-1825138-3
A201SYCB04	2-1825138-4
A201SYCQ04	2-1825138-5
A201SYWQ04	2-1825138-6
A201SYZB04	2-1825138-7
A201SYZQ04	2-1825138-8
A201T1ZQ04	2-1825138-9
not assigned	3-1825138-0
A201TZQ04	3-1825138-1
A208KZG04	3-1825138-2
A208P3ZQ04	3-1825138-3
A208SD9AQ04	3-1825138-4
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A208SYCB04	3-1825138-6
A208SYCQ04	3-1825138-7
A208SYZQ04	3-1825138-8
A208T1ZQ04	3-1825138-9
A208TZQ04	4-1825138-0
A208SDCQ04	4-1825138-1
A201P3V30G04	4-1825138-2
A203MD9AQ-UL	4-1825138-3
A201MCWCB04	4-1825138-4
A201SCWCB04	4-1825138-5



MATERIALS CHART		
COMPONENT NAME	BASE MATERIAL	
CASE	DAP, RED, UL94 V-0	
FRAME	STAINLESS STEEL	FINISH
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 P.BROUILLETTE	-	NAME GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)	
		PRODUCT SPEC			
MATERIAL -		APPLICATION SPEC		SIZE A2	
		WEIGHT -		CAGE CODE 00779	
FINISH -		CUSTOMER DRAWING		DRAWING NO C=1825138	
		SCALE 3:1		SHEET 4 of 4	
				REV A4	