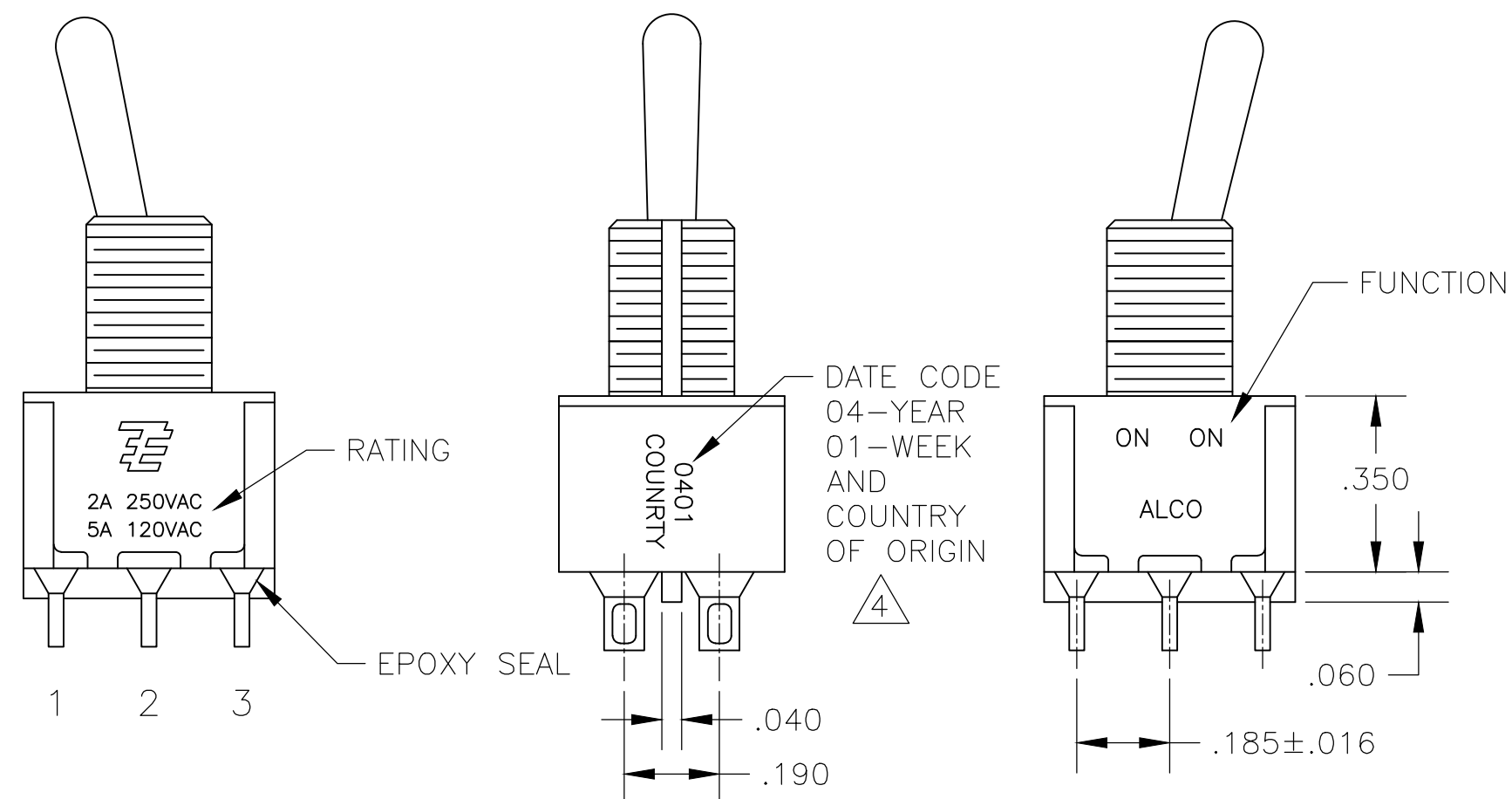
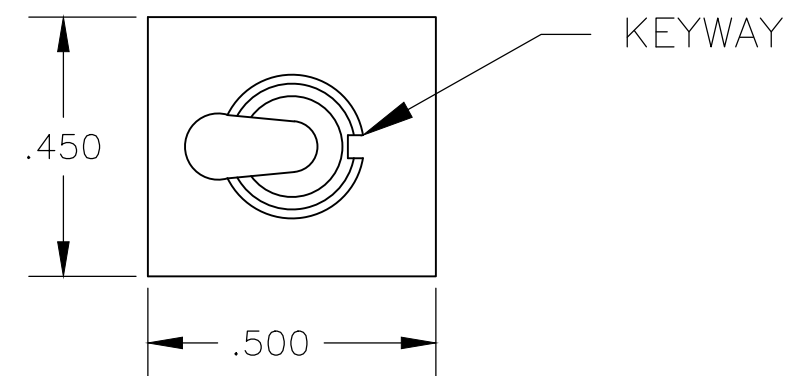
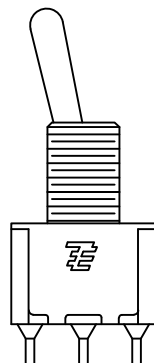
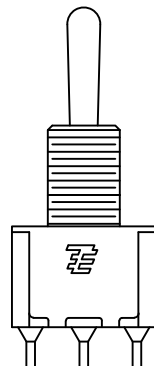
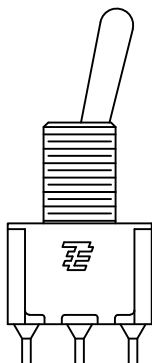




SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 3	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED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

- 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 MARKED 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.
- 6 ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

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

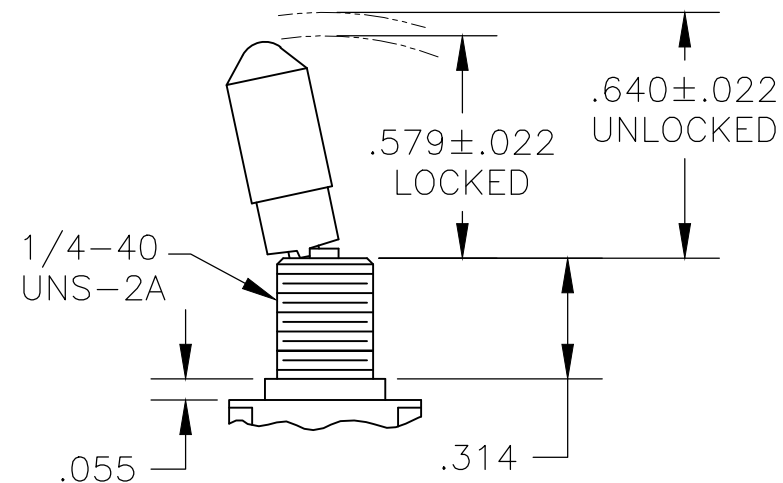
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
SAMPLE: A201SYCQ04	01	K	CW	A	B	04
	08	K1	D	AV2	G	
		L	D9	C	Q	
		L1	H	V30		
		L2	Y	V40		
		M	Y9	V70		
		P3		W		
		S		W4		
		T		Z		
		T1		Z3		

EXAMPLE: A201SYCQ04

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO		18MAY05		 TE Connectivity	
		CHK M. ZITTO		—			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. ZITTO		NAME	
		0 PLC ± —		PRODUCT SPEC		GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08) —	
		1 PLC ± —		—			
		2 PLC ± —		APPLICATION SPEC			
		3 PLC ± .010		—			
		4 PLC ± —		SIZE		CAGE CODE	DRAWING NO
		ANGLES ± 2°		WEIGHT		RESTRICTED TO	
MATERIAL		FINISH		A2		00779	C-1825138
—		—		CUSTOMER DRAWING		SCALE 3:1	SHEET 1 OF 4
							REV A6

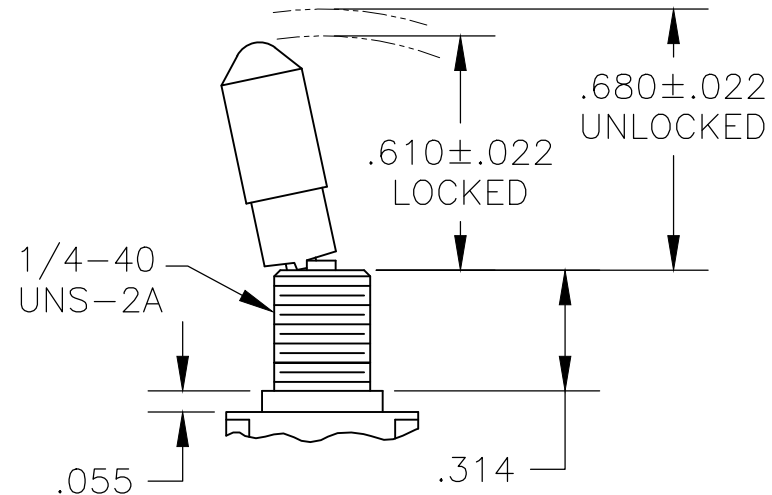
S STANDARD

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



K1

NO BUSHING OPTION NEEDED



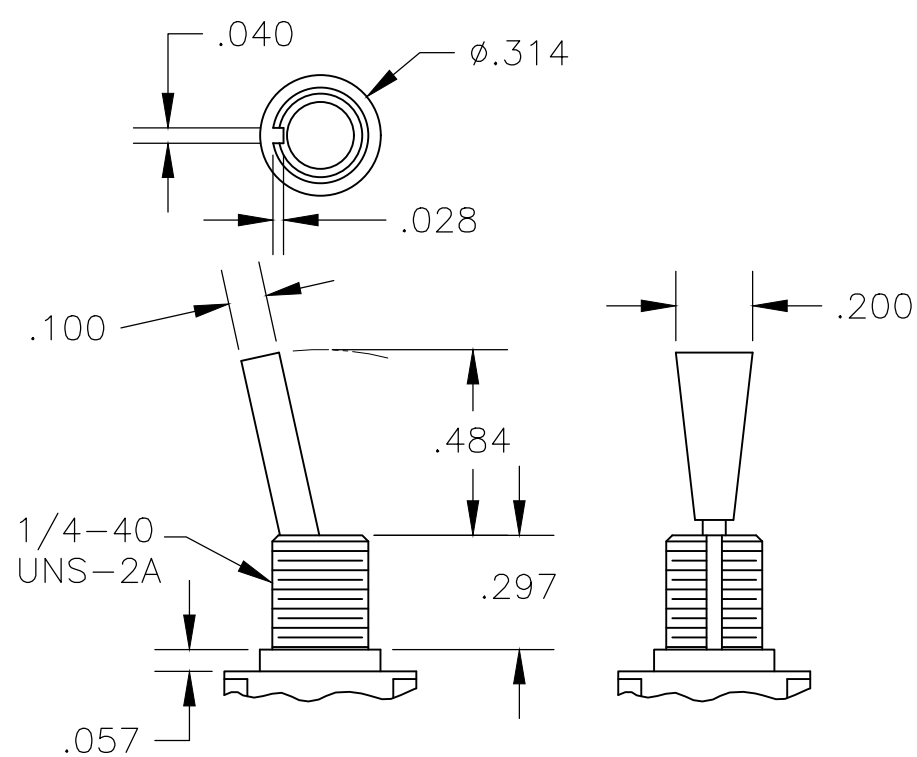
DIM L	BUSHING TYPE
.840	Y, H
.910	D, D9



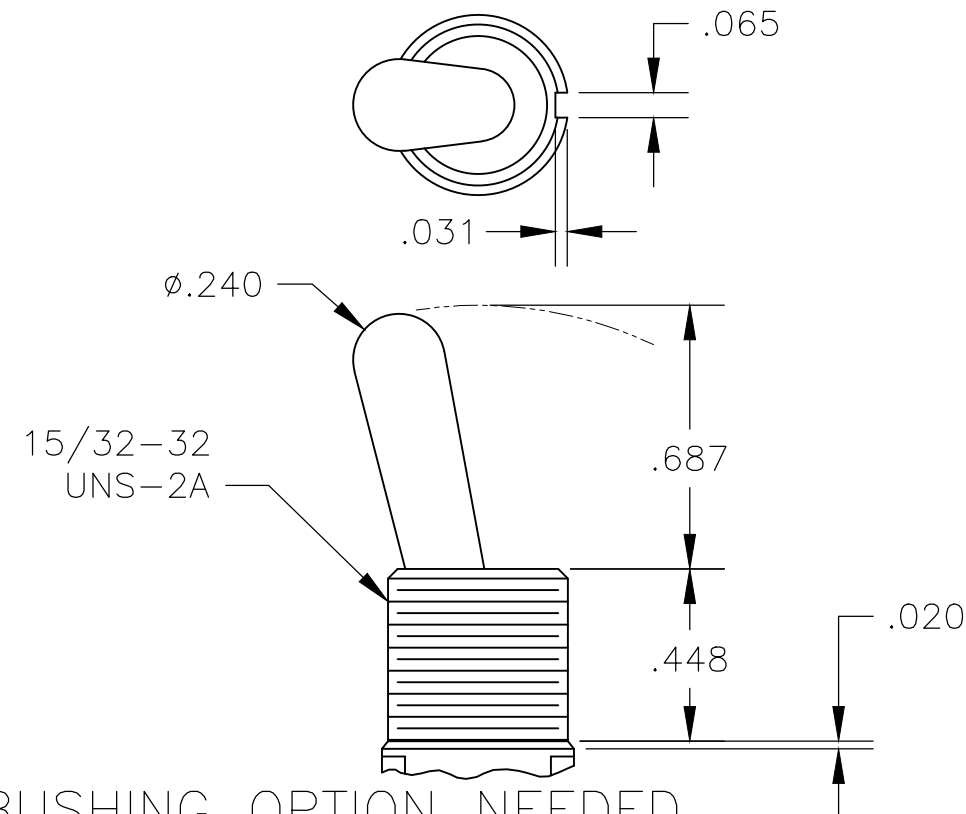
DIM L	BUSHING TYPE
.640	Y, H
.710	D, D9



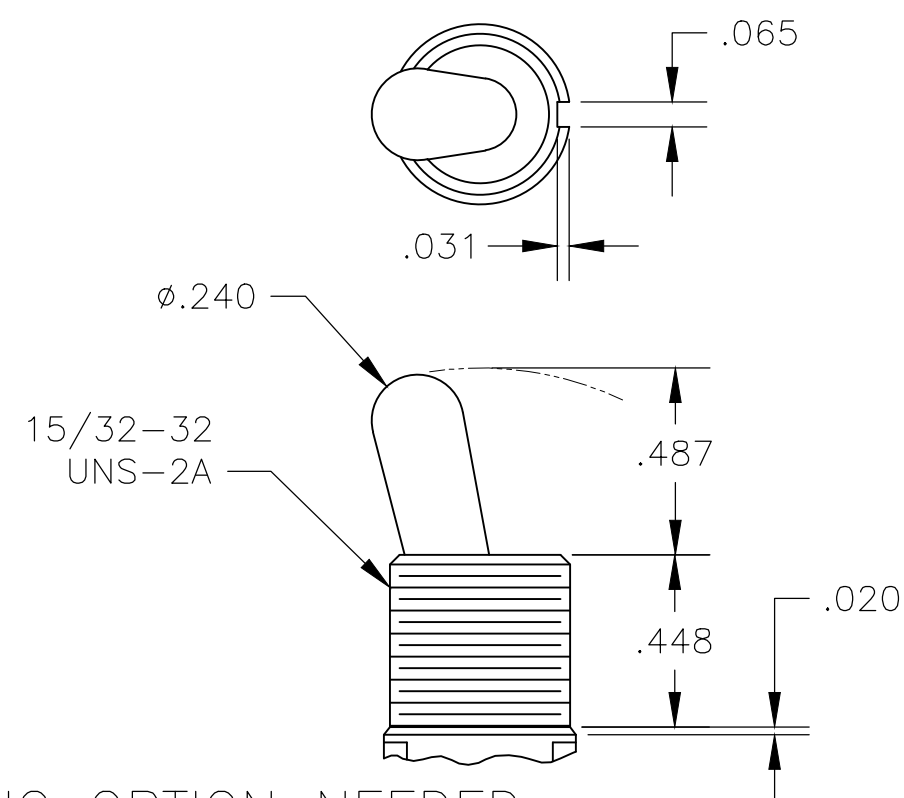
DIM L	BUSHING TYPE
.550	Y, H
.620	D, D9



[P3] NO BUSHING OPTION NEEDED

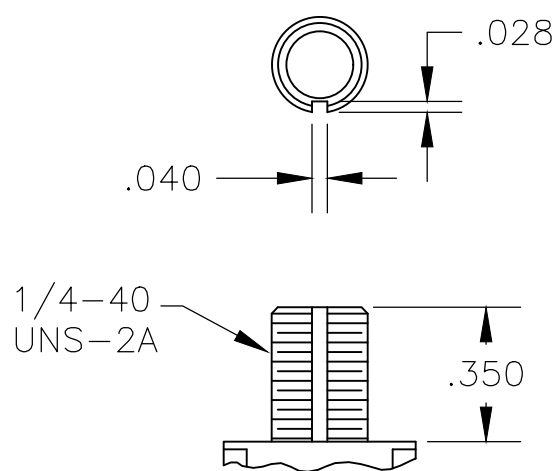


☐ NO BUSHING OPTION NEEDED



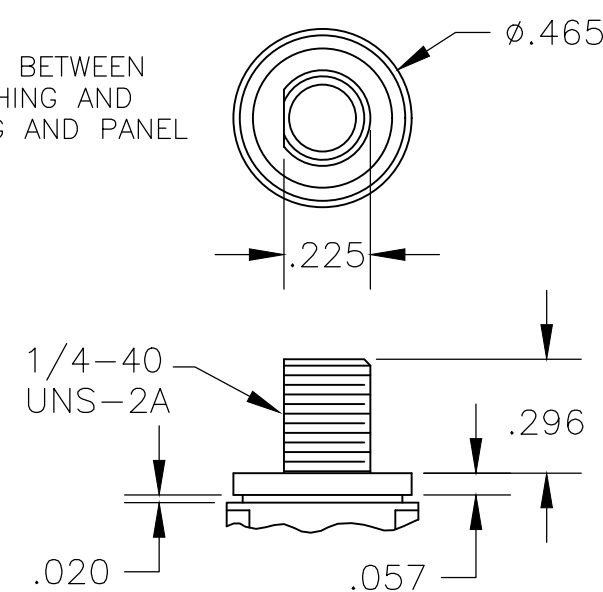
T1 NO BUSHING OPTION NEEDED

D9 UNTHREADED

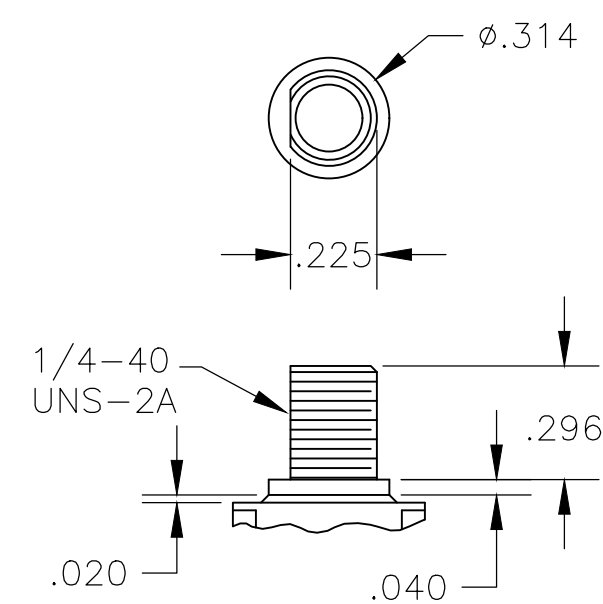


Y9 UNTHREADED

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:
INCHES



TOLERANCES UNLESS OTHERWISE SPECIFIED:		
0 PLC	$\pm$	—
1 PLC	$\pm$	—
2 PLC	$\pm$	—
3 PLC	$\pm$	.010
4 PLC	$\pm$	—
ANGLES		$\pm 2'$

DWN	18MAY05
M. ZITTO	
CHK	-
M. ZITTO	
APVD	-
M. ZITTO	
PRODUCT SPEC	

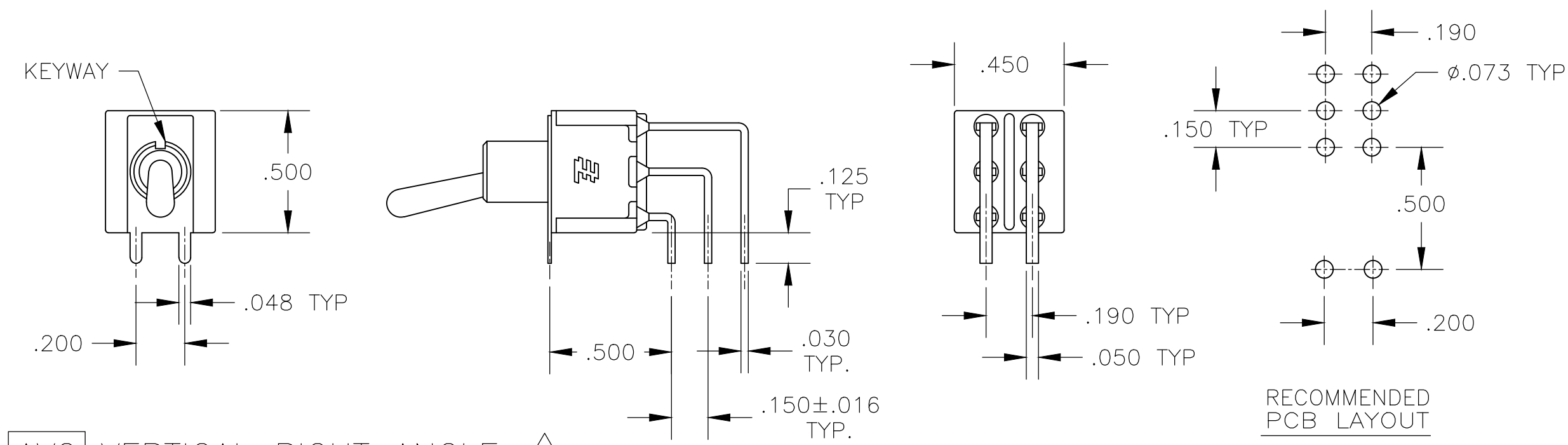
—	
APPLICATION SPEC	
—	

WEIGHT
CUSTOMER DRAWING

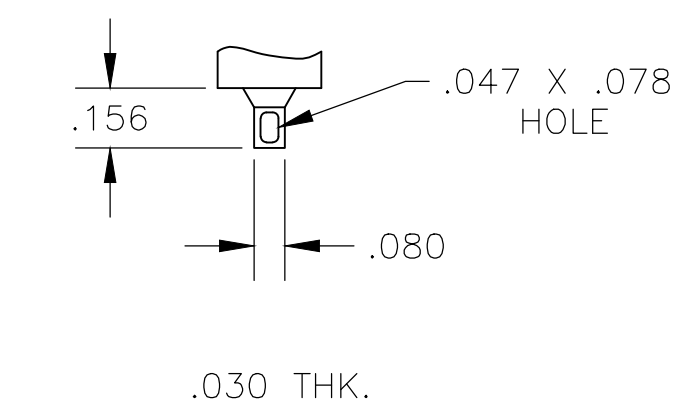
		TE Connectivity	
		NAME GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08) —	
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=1825138	—
		SCALE 3:1	SHEET 2 OF 4
			REV A6

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

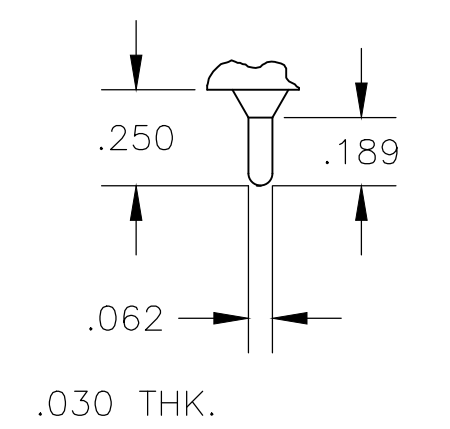
D



AV2 VERTICAL RIGHT ANGLE 5

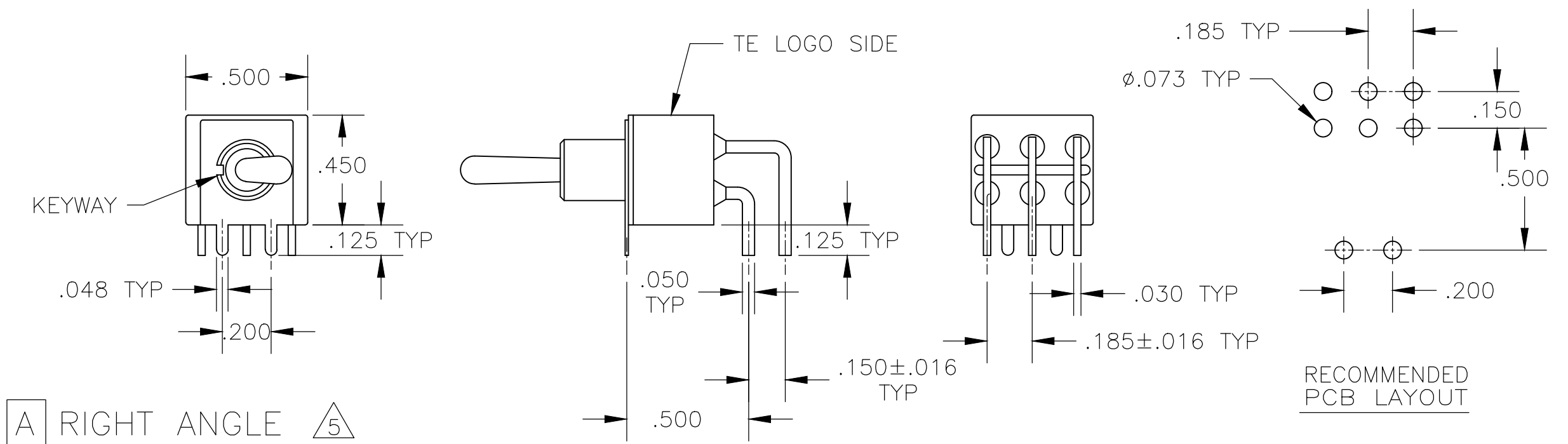


Z WIRE LUG

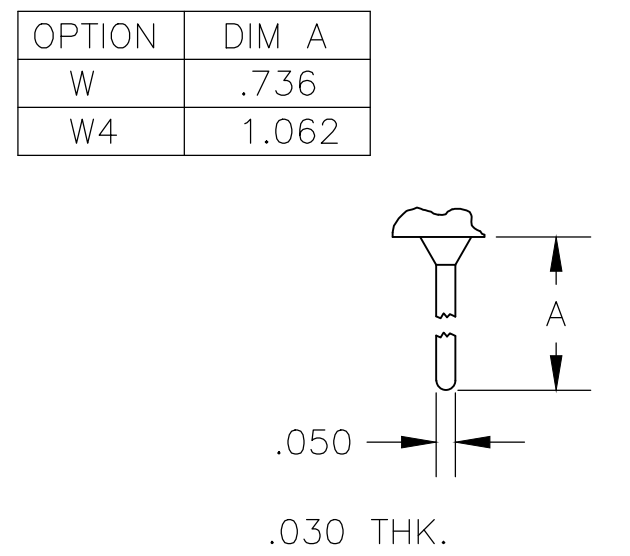


Z3 QUICK CONNECT

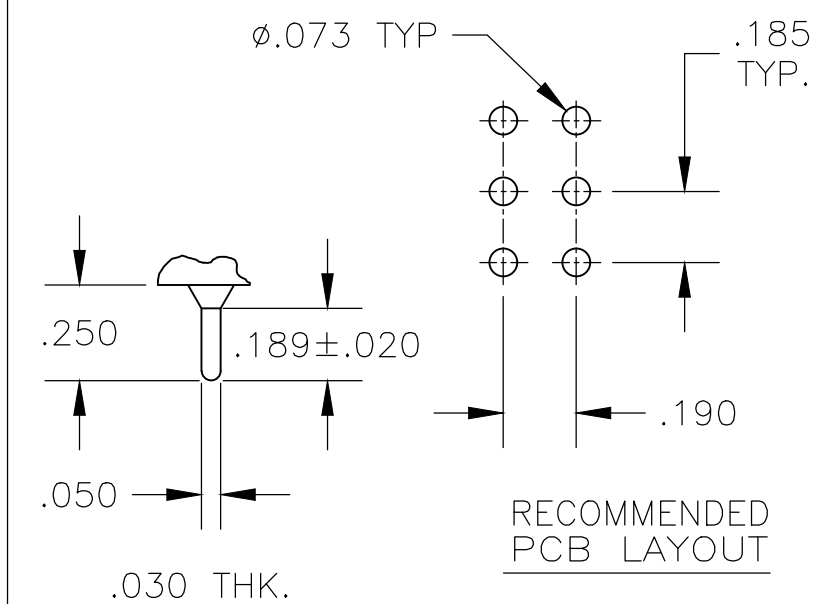
C



A RIGHT ANGLE 5

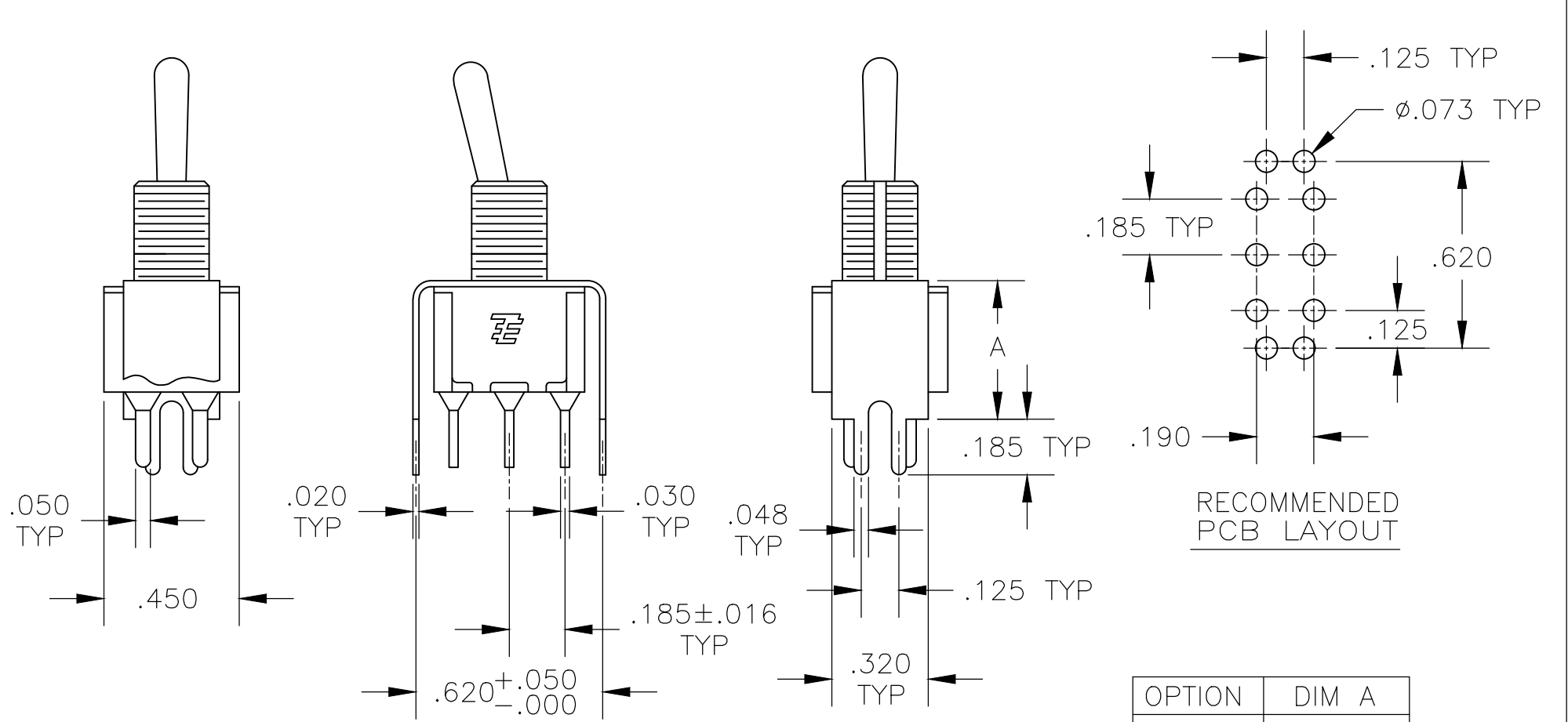


W W4 WIRE WRAP



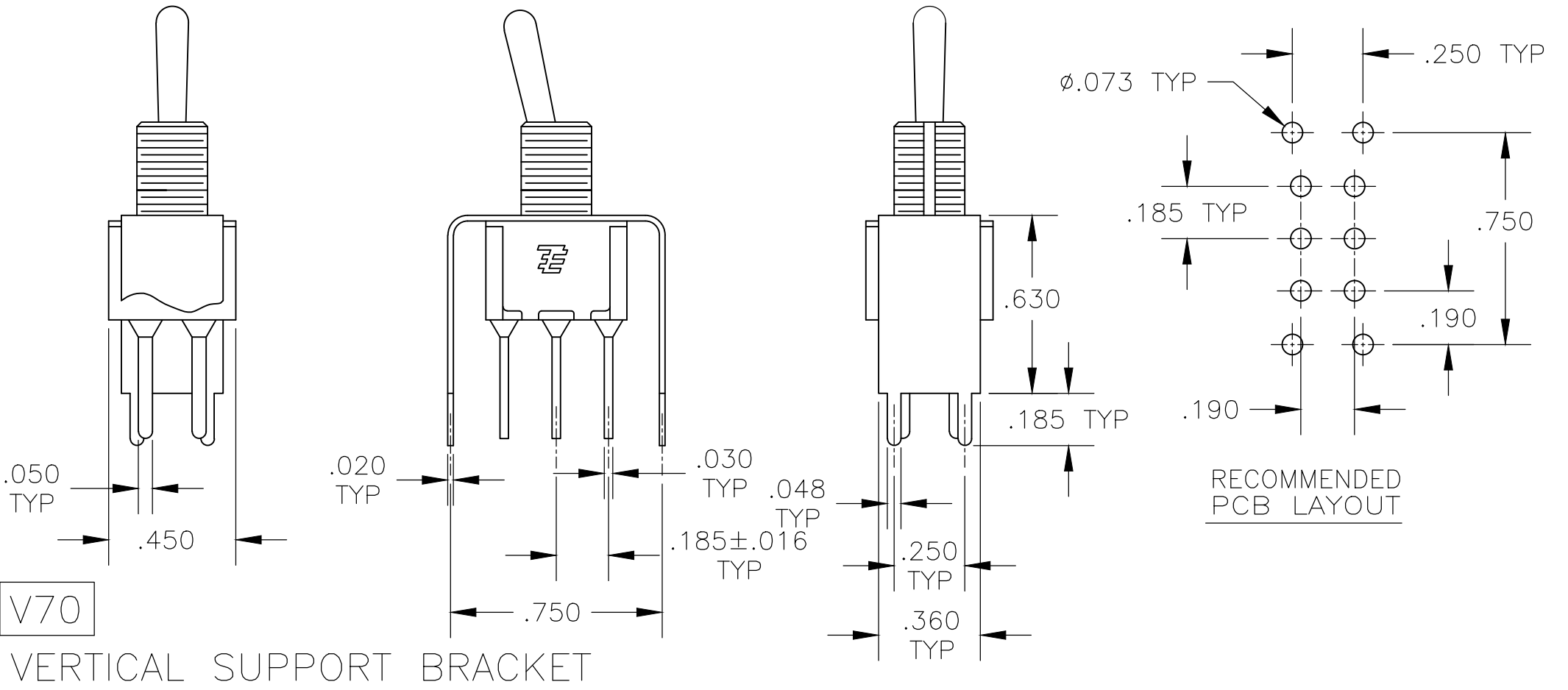
C PRINTED CIRCUIT

B



V30 V40 5 VERTICAL SUPPORT BRACKET

OPTION	DIM A
V30	.460
V40	.630



V70 VERTICAL SUPPORT BRACKET

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC	±	-
1 PLC	±	-
2 PLC	±	-
3 PLC	±	.010
4 PLC	±	-
ANGLES	±	2°

MATERIAL

FINISH

DWN
M. ZITTO

CHK
M. ZITTO

APVD
M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT
0

CUSTOMER DRAWING

18MAY05

-

-

-

SCALE
3:1

SHEET
3 of 4

REV
A6

TE Connectivity

NAME
GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825138

RESTRICTED TO
-

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

Alco P/N	P/N	
A201KAB04	1825138-1	
A201KD9AQ04	1825138-2	OBSOLETE
A201KZQ04	1825138-3	
not assigned	1825138-4	OBSOLETE
A201L1D9V30Q04	1825138-5	
A201MD9AB04	1825138-6	
A201MD9AQ04	1825138-7	
A201MD9AV2B04	1825138-8	
A201MD9AV2Q04	1825138-9	
A201MDAQ04	1-1825138-0	
not assigned	1-1825138-1	OBSOLETE
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	OBSOLETE
A201SDZQ04	2-1825138-0	
A201SY9AB04	2-1825138-1	OBSOLETE
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	OBSOLETE
A201TZQ04	3-1825138-1	
A208KZG04	3-1825138-2	OBSOLETE
A208P3ZQ04	3-1825138-3	
A208SD9AQ04	3-1825138-4	OBSOLETE
A208SD9AV2Q04	3-1825138-5	
A208SYCB04	3-1825138-6	
A208SYCQ04	3-1825138-7	
A208SYZQ04	3-1825138-8	
A208T1ZQ04	3-1825138-9	OBSOLETE
A208TZQ04	4-1825138-0	
A208SDCQ04	4-1825138-1	
A201P3V30G04	4-1825138-2	
A203MD9AQ-UL	4-1825138-3	OBSOLETE
A201MCWCB04	4-1825138-4	
A201SCWCB04	4-1825138-5	

RECOMMENDED PANEL CUT-OUTS

BUSHING SIZE	WITHOUT LOCKING RING		WITH STANDARD LOCKING RING
1/4			
15/32			

MATERIALS CHART

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		16MAY05		 TE Connectivity	
		CHK M. ZITTO		-			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M. ZITTO		NAME	
		0 PLC ± -		PRODUCT SPEC		GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08)	
		1 PLC ± -		-			
		2 PLC ± -		APPLICATION SPEC			
		3 PLC ± -.010		-			
		4 PLC ± -				SIZE	
		ANGLES ± 2°				CAGE CODE	
MATERIAL		FINISH		WEIGHT		DRAWING NO	
-		-		-		A2 00779 C-1825138	
				CUSTOMER DRAWING		RESTRICTED TO	
						-	
						SCALE 3:1	
						SHEET 4 of 4	
						REV A6	

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