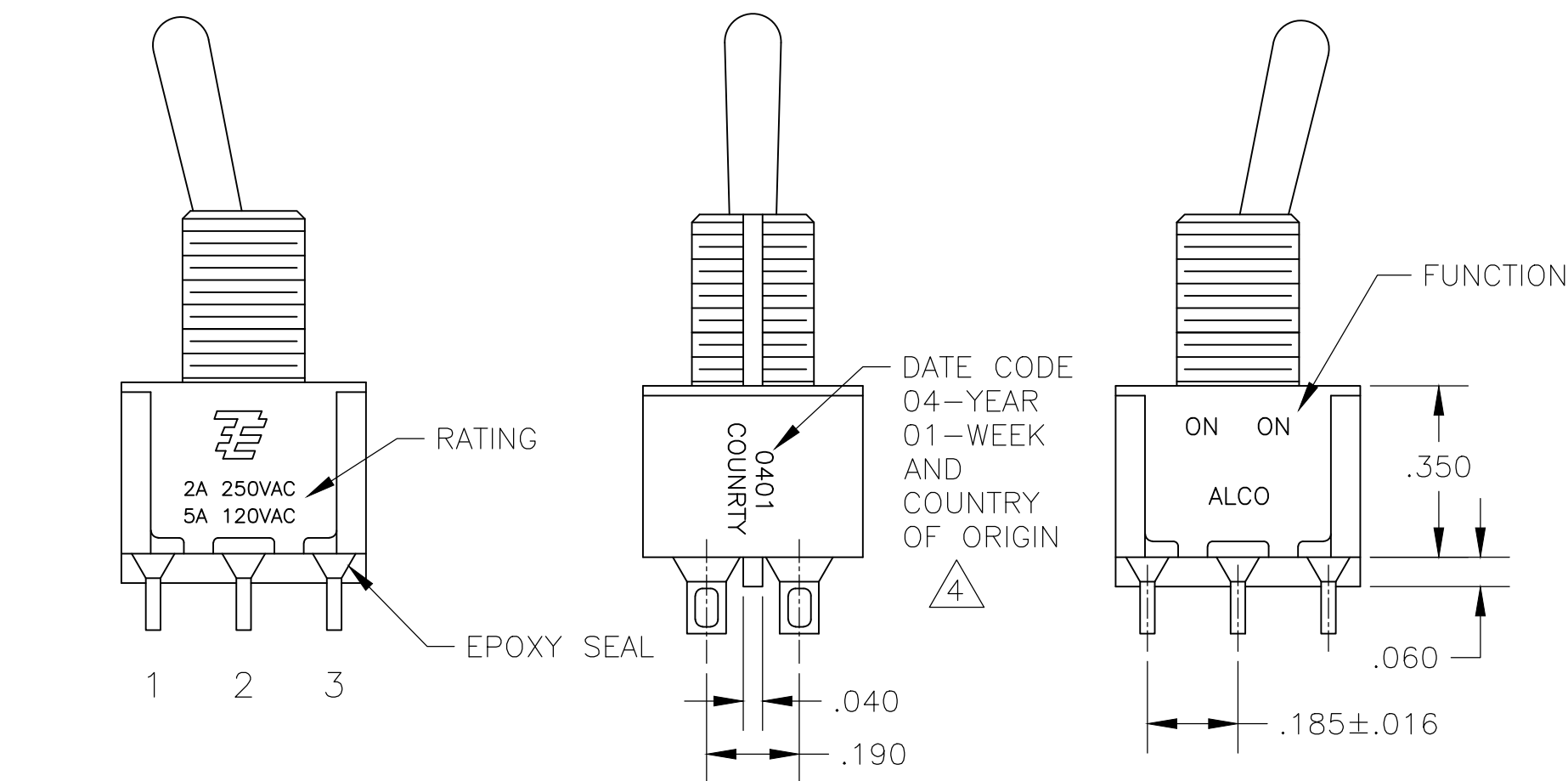
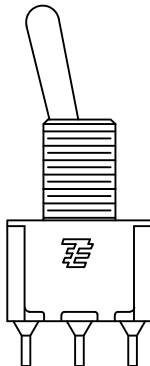
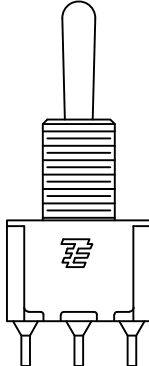
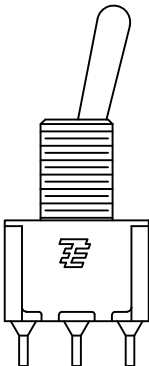




SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 3	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED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

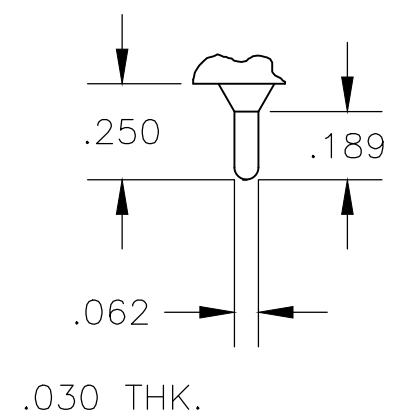
FUNCTION CHART			
FUNCTION			
	1 2 3 4 5 6	1 2 3 4 5 6	1 2 3 4 5 6
01	ON	NONE	ON
08	ON	NONE	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5

None: No mechanical position
Off: Mechanical position with no electrical connection
(On): Momentary action

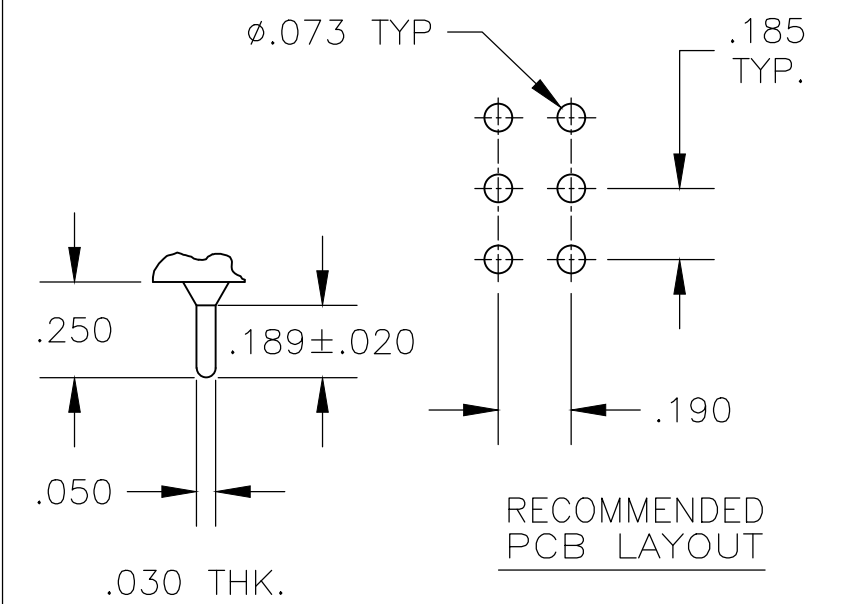
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
MPLE: A201SYCQ04	01	K	CW	A	B	04
	08	K1	D	AV2	G	
		L	D9	C	Q	
		L1	H	V30		
		L2	Y	V40		
		M	Y9	V70		
		P3		W		
		S		W4		
		T		Z		
		T1		Z3		

EXAMPLE: A201SYCQ04

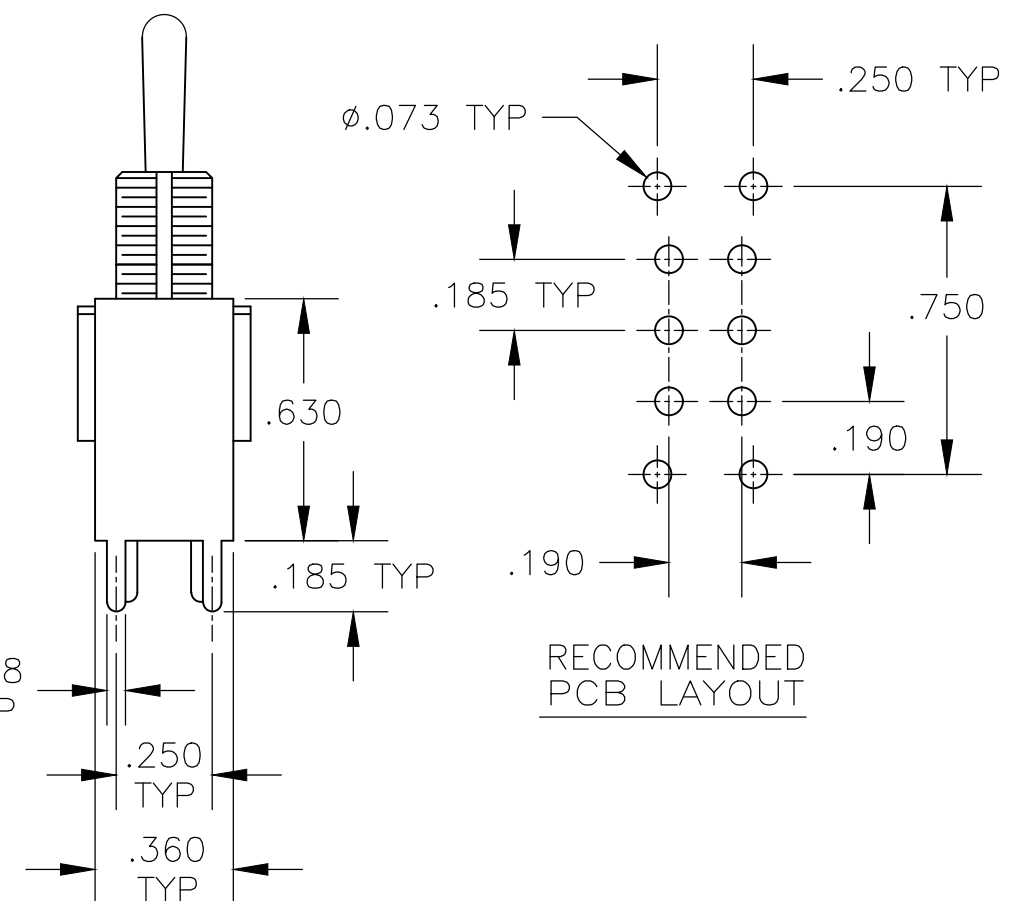
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO 18MAY05 CHK M. ZITTO APVD M. ZITTO PRODUCT SPEC — APPLICATION SPEC — WEIGHT —		 TE Connectivity	
DIMENSIONS: INCHES 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .010 4 PLC ± .010 ANGLES ± 2°		NAME GEMINI A SERIES TOGGLE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



Z3 QUICK CONNECT



C PRINTED CIRCUIT



V70

VERTICAL SUPPORT BRACKET

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. ZITTO	18MAY05		 TE Connectivity	
		CHK M. ZITTO	—			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 2 POSITION FUNCTIONS (01 & 08) —		
		0 PLC ± —				
		1 PLC ± —				
		2 PLC ± —				
3 PLC ± .010		PRODUCT SPEC		SIZE CAGE CODE DRAWING NO RESTRICTED TO		
4 PLC ± —		APPLICATION SPEC				
ANGLES ± ± 2°		—				
MATERIAL —		FINISH —		WEIGHT 0		A2 00779 C-1825138
CUSTOMER DRAWING				SCALE 3:1	SHEET 3 of 4	REV Δ6

THIS DRAWING IS UNPUBLISHED.

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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	
A201MYAQ04	1-1825138-2	OBSOLETE
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

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.

DIMENSIONS: INCHES

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

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

MATERIAL -

FINISH -

DWN M. ZITTO 18MAY05
CHK M. ZITTO
APVD M. ZITTO
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

TE Connectivity

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

SIZE A2 CAGE CODE 00779 DRAWING NO. 1825138 RESTRICTED TO -
SCALE 3:1 SHEET 4 OF 4 REV A6

1471-9 (1/15)

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