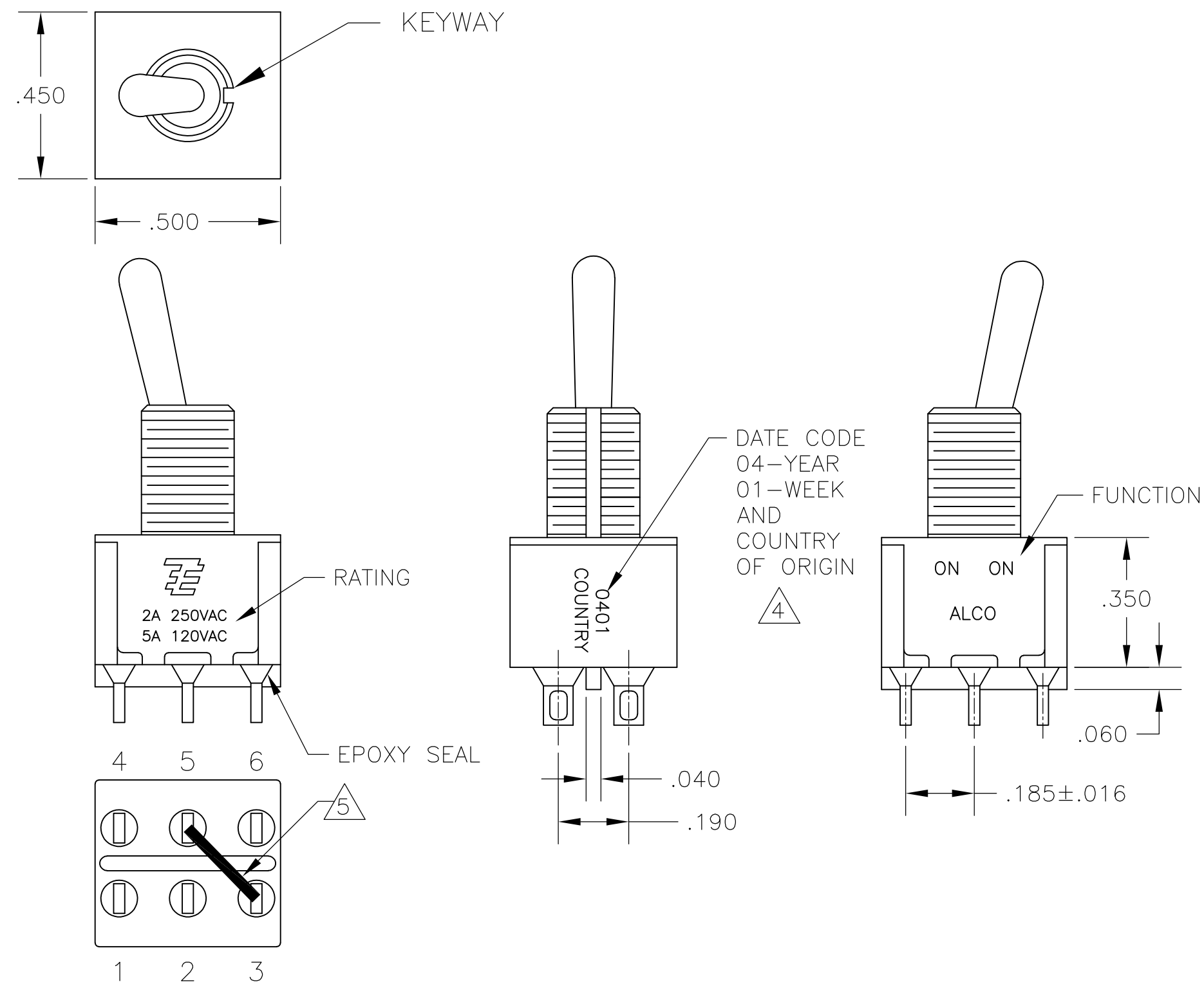
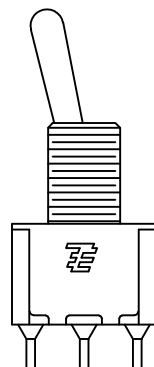
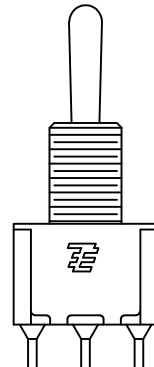
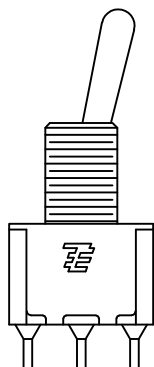
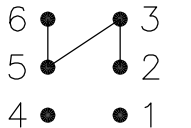
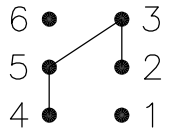
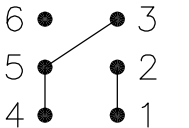




FUNCTION CHART			
FUNCTION			
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
TERMINALS CONNECTED	2-3, 5-6	---	1-2, 4-5
11	ON	ON	ON
13	ON	ON	(ON)
15	(ON)	ON	(ON)
TERMINALS CONNECTED	2-3, 5-6	2-3, 4-5	1-2, 4-5
SP3T SCHEMATIC (11, 13 & 15 ONLY) SEE NOTE 5			
	IN 2, OUT 6	IN 2, OUT 4	IN 2, OUT 1
None: No mechanical position Off: Mechanical position with no electrical connection (On): Momentary action			

- 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 120VAC.
- 4 DATE CODE AND COUNTRY OF ORIGIN MAY APPEAR ON EITHER SIDE OF SWITCH.
- 5 SP3T FUNCTION ACHIEVED WITH FUNCTIONS 11, 13 & 15 BY CUSTOMER APPLIED JUMPER
BETWEEN TERMINALS 3 AND 5.
- 6 LENGTH OF TOGGLE REDUCED BY .020 WITH A, AV2, V30 OR V40 VERTICAL SUPPORT BRACKET.
- 7 ALL LOGO, RATING, DATE CODE, AND FUNCTION MARKINGS TO BE LASER MARKED.

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

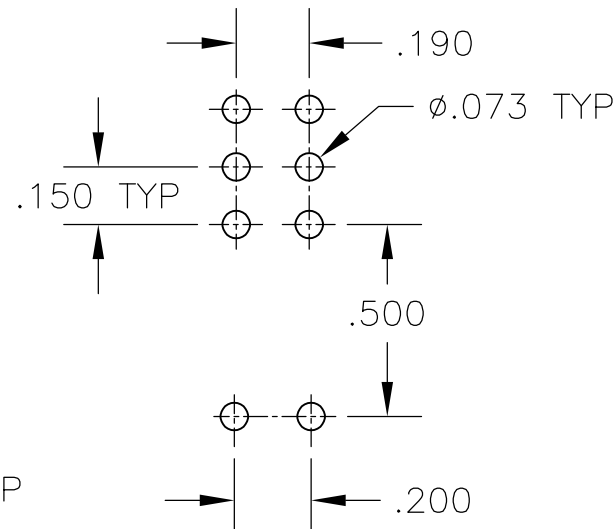
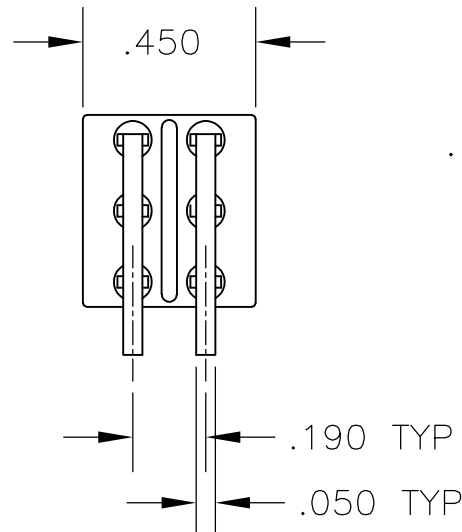
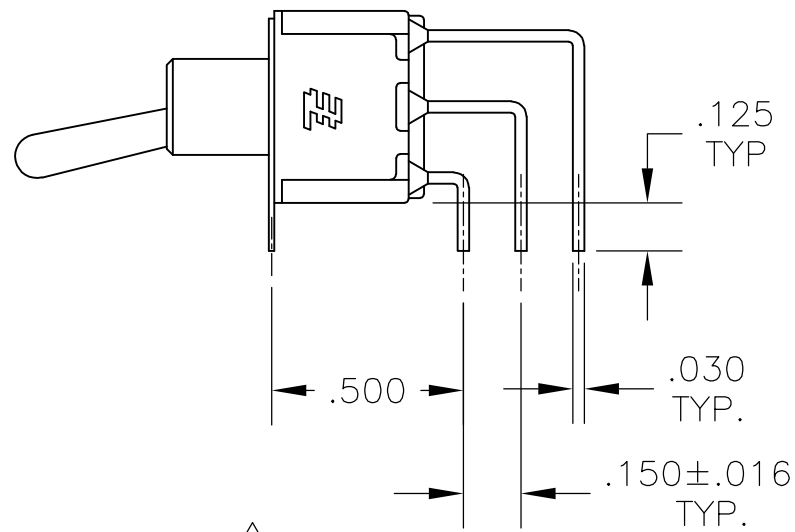
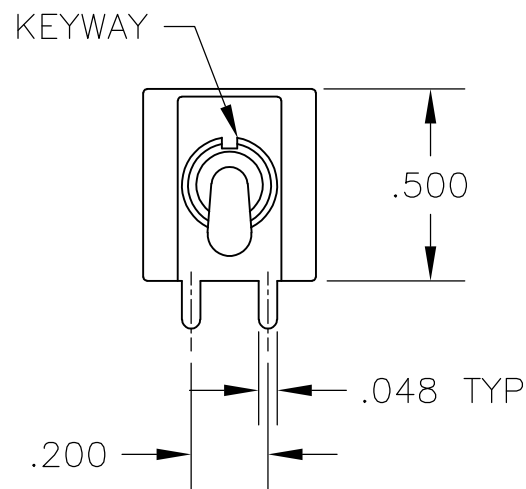
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
A2	03	K	CW	A	B	04
	05	K1	D	AV2	G	
	07	L	D9	C	Q	
	11	L1	H	V30		
	13	L2	Y	V40		
	15	M	Y9	V70		
	SAMPLE: A207SYZQ04		P3		W	
			S		W4	
			T		Z	
			T1		Z3	

EXAMPLE: A207SYZQ04

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, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)	
		1 PLC ± —		—			
		2 PLC ± —		APPLICATION SPEC			
3 PLC ± .010		—		SIZE		CAGE CODE	DRAWING NO
4 PLC ± —		—		RESTRICTED TO		—	
ANGLES ± 2°		WEIGHT		A2		00779	
MATERIAL		FINISH		0		C-1825139	
—		—		CUSTOMER DRAWING		SCALE 3:1	
						SHEET 1 of 4	
						REV Δ5	

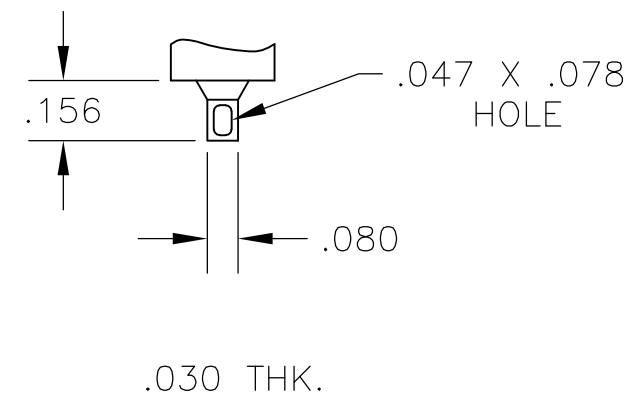
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

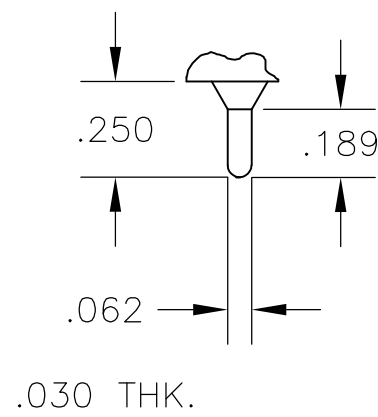


RECOMMENDED
PCB LAYOUT

AV2 VERTICAL RIGHT ANGLE 6

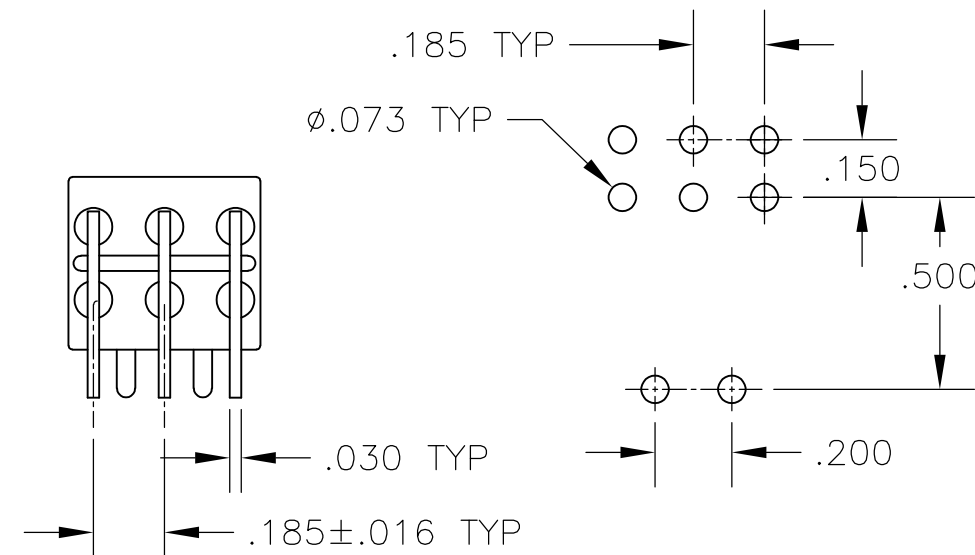
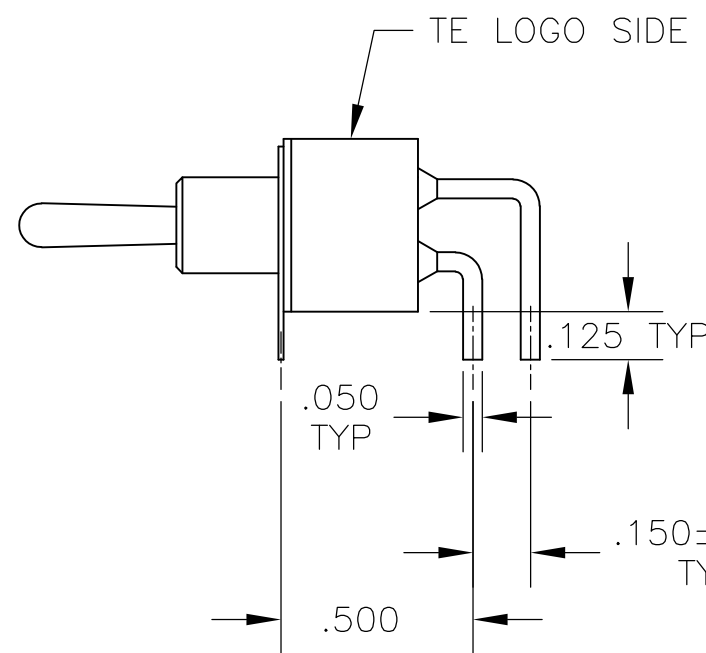
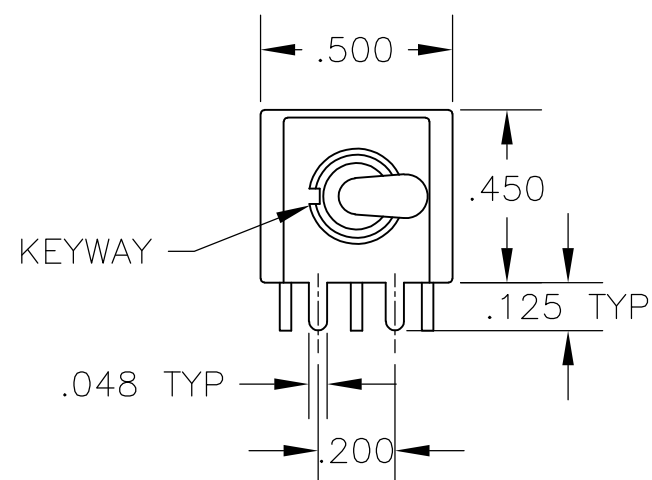


Z WIRE LUG



Z3 QUICK CONNECT

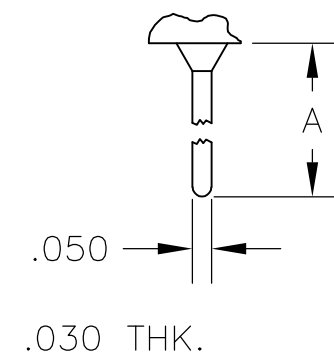
C



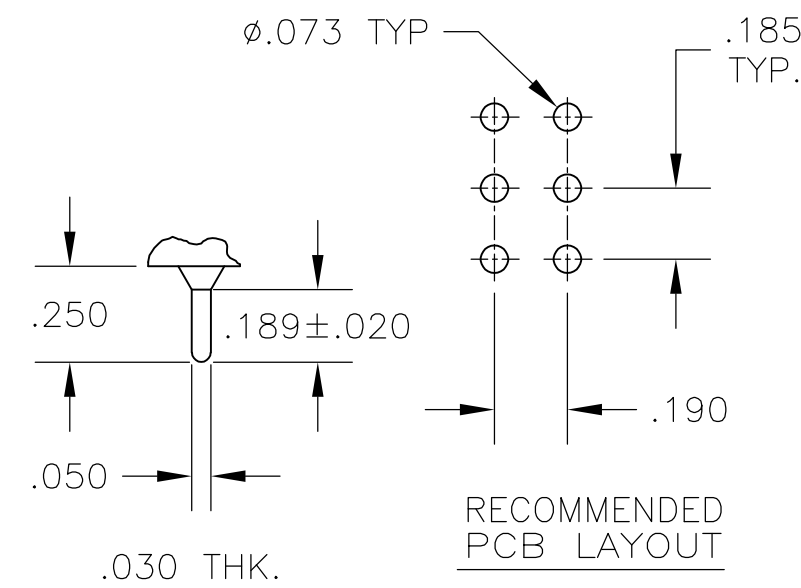
RECOMMENDED
PCB LAYOUT

A RIGHT ANGLE 6

OPTION	DIM A
W	.736
W4	1.062

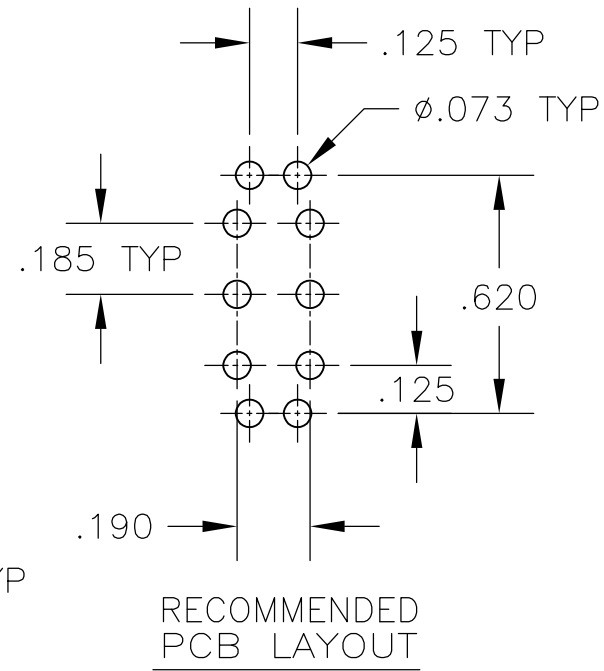
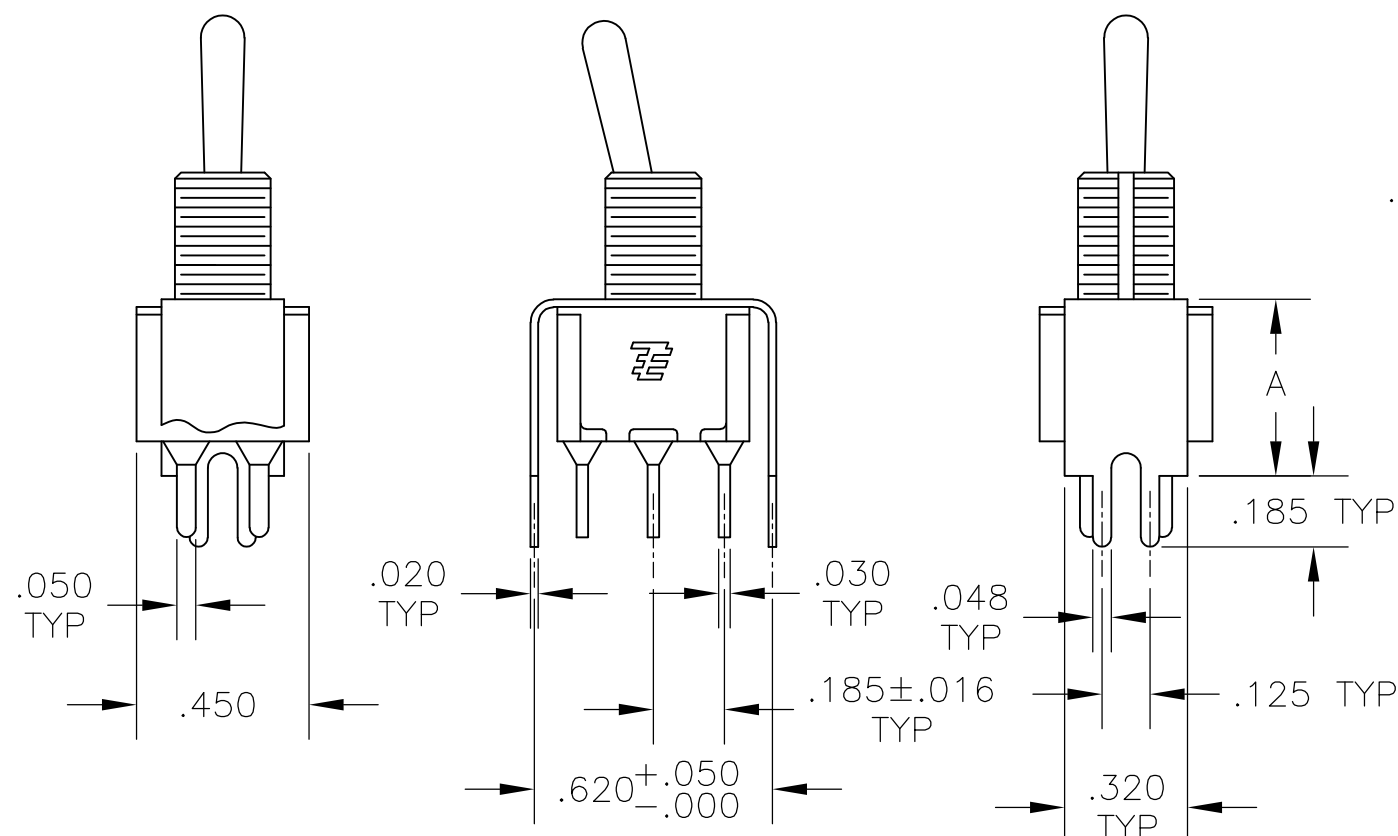


W W4 WIRE WRAP



C PRINTED CIRCUIT

B

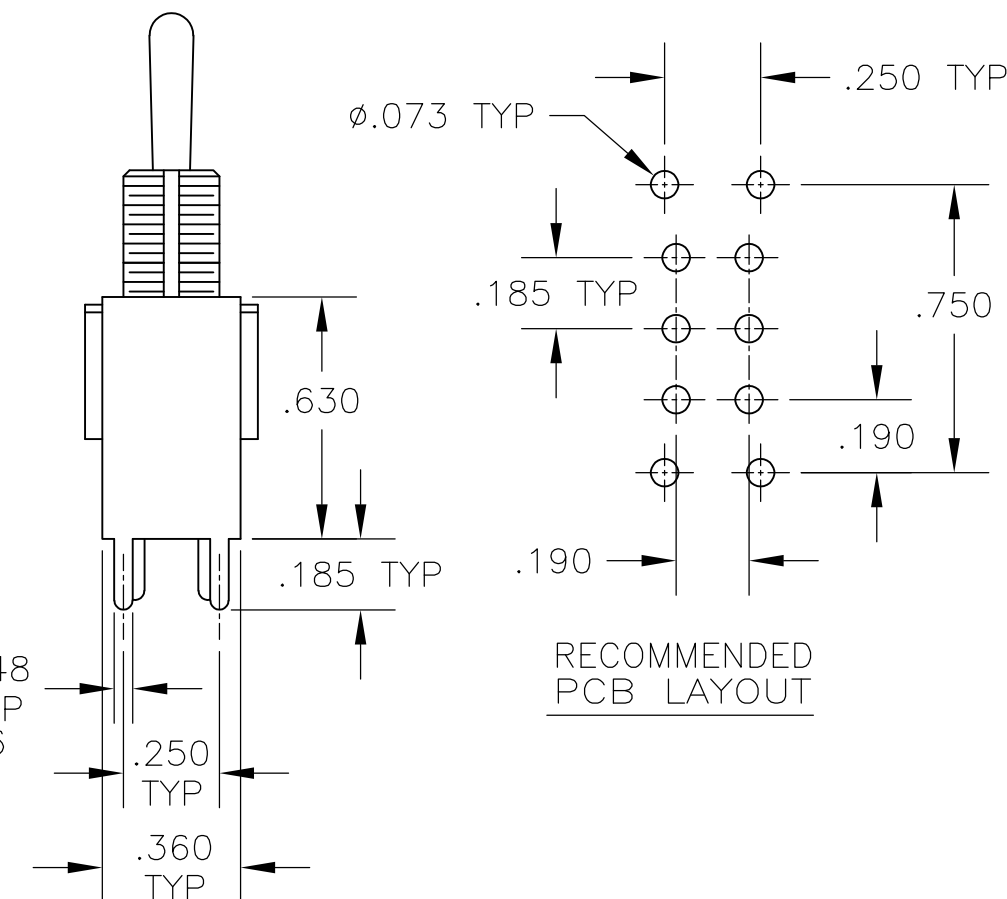
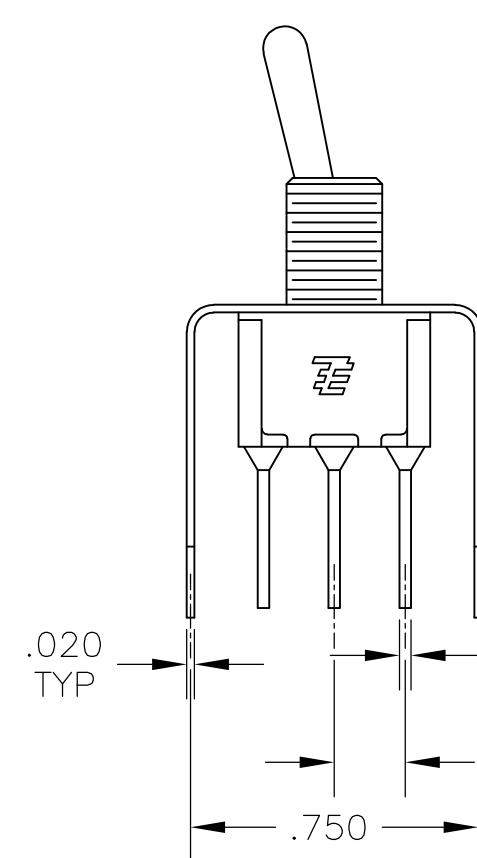
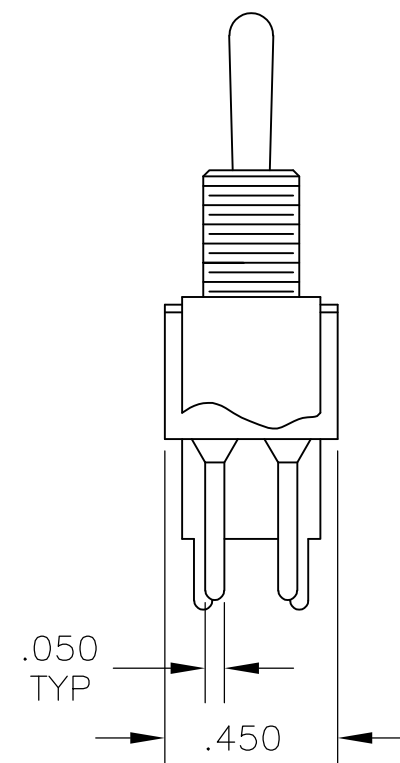


OPTION	DIM A
V30	.460
V40	.630

V30 V40 6
VERTICAL SUPPORT BRACKET

V70

VERTICAL SUPPORT BRACKET

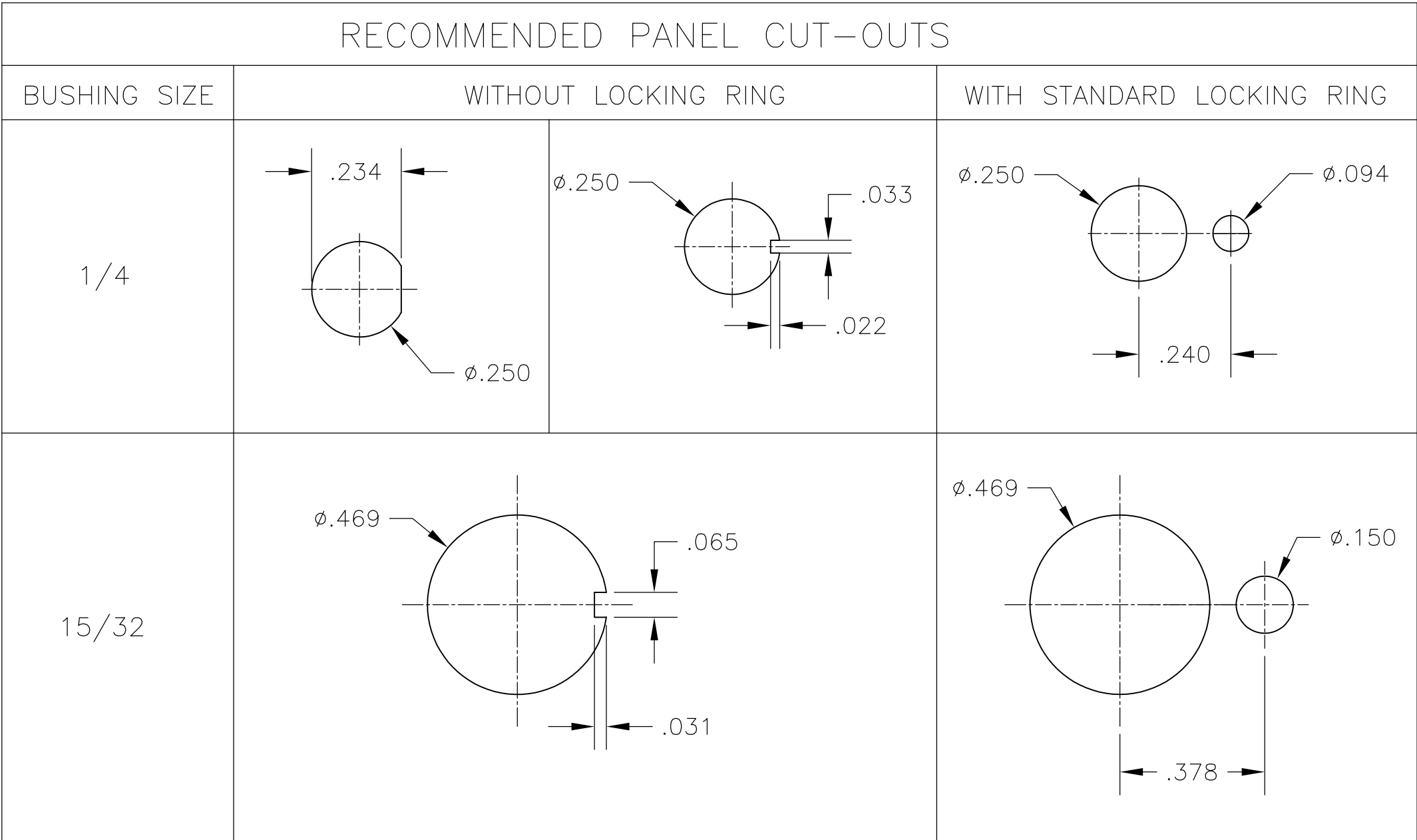


A

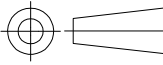
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M. ZITTO	14APR05	 TE Connectivity			
DIMENSIONS: INCHES			CHK M. ZITTO	—				
			APVD M. ZITTO	—	NAME GEMINI A SERIES TOGGLE SWITCH,DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)			
			PRODUCT SPEC —					
TOLERANCES UNLESS OTHERWISE SPECIFIED: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

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
A211SCWCQ004	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 NAME GEMINI A SERIES TOGGLE SWITCH,DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)	
DIMENSIONS: INCHES		CHK M. ZITTO	—		
		APVD M. ZITTO	—		
		PRODUCT SPEC			
MATERIAL —		FINISH —		SIZE A2	
		WEIGHT —		CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C=1825139	
				RESTRICTED TO —	
				SCALE 3:1	
				SHEET 4 of 4	
				REV A5	

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9