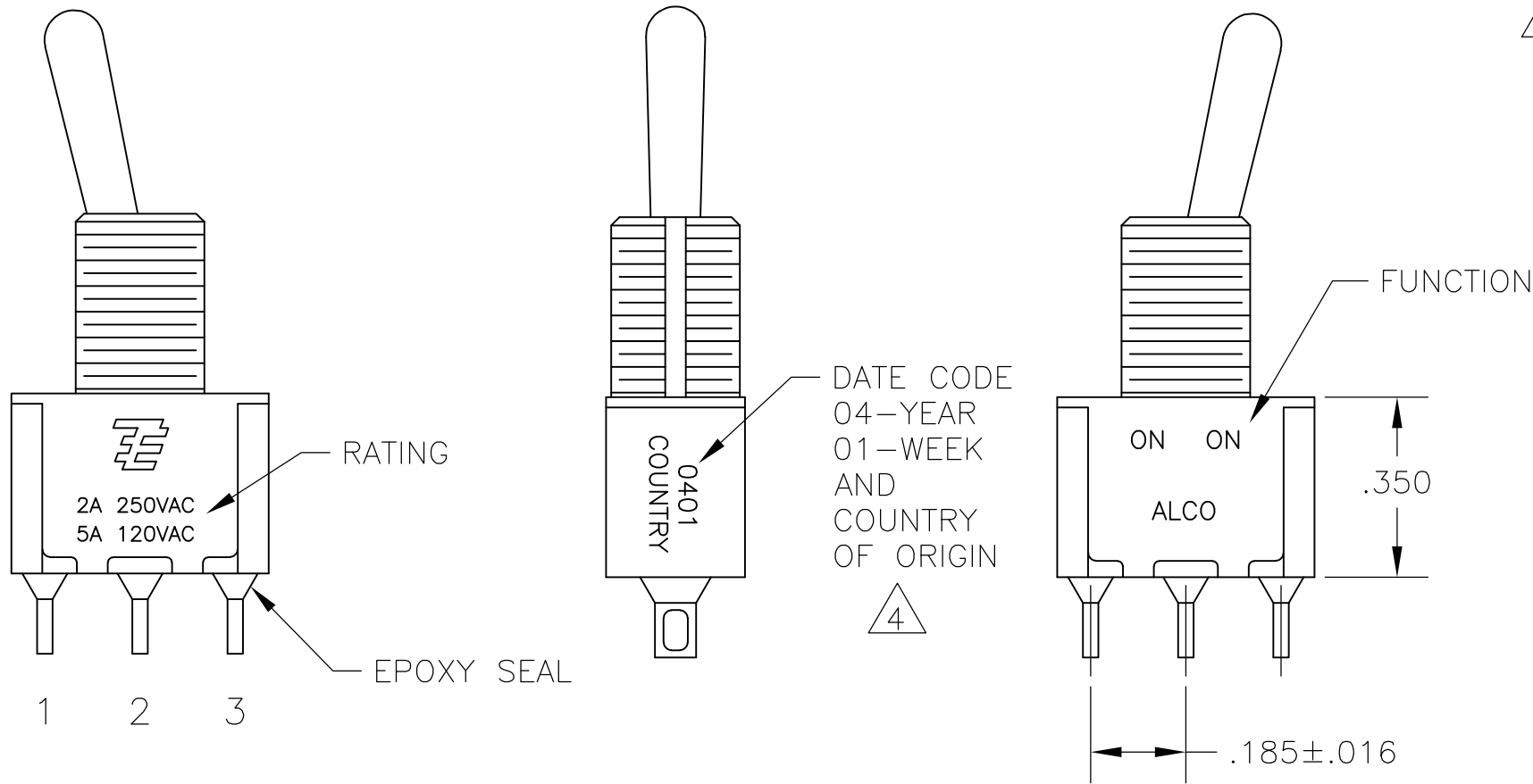
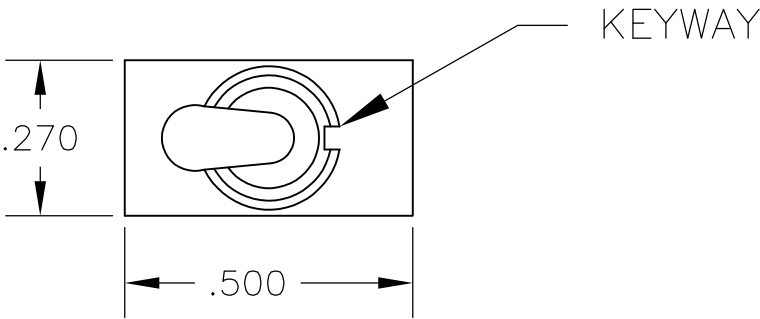


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		A7	REVISED PER ECO-14-005988	23APR2014	NK	RH

- 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 120VAC.
- 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.



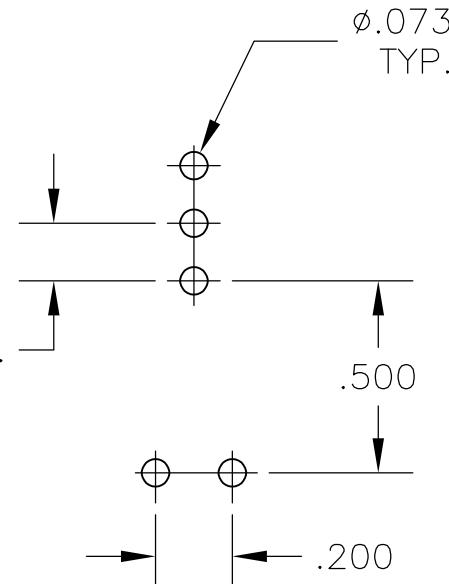
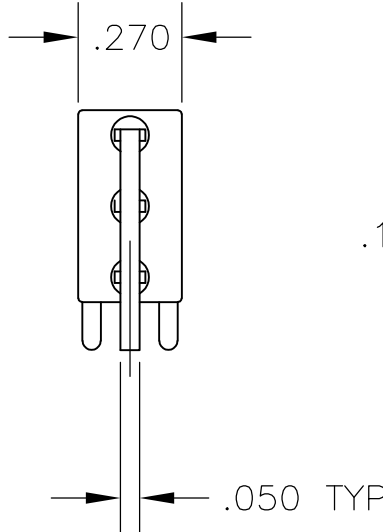
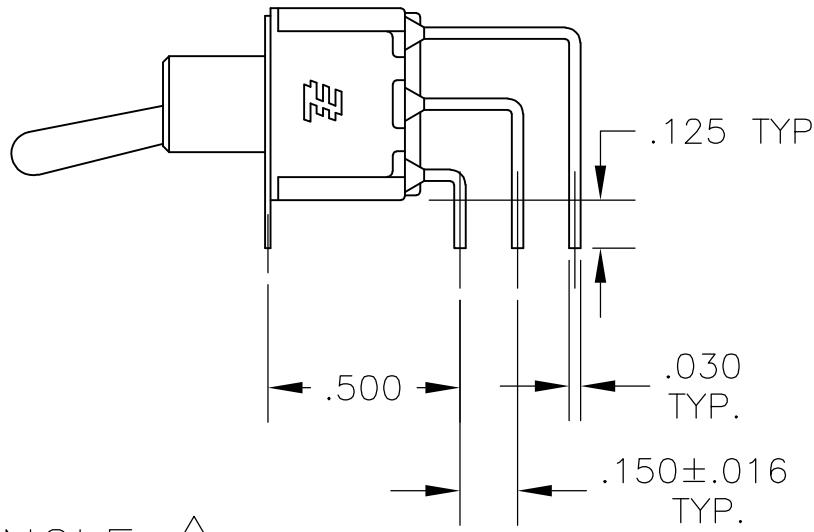
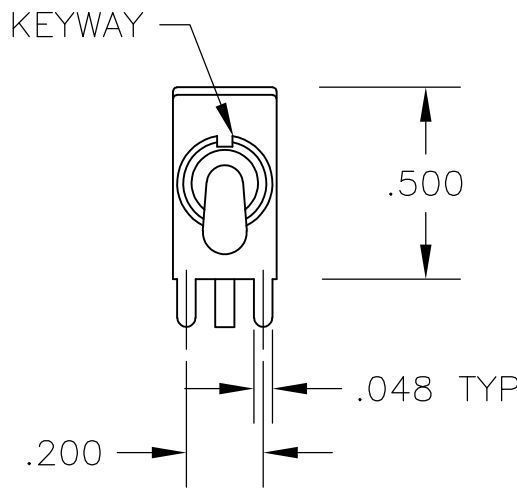
SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 3	.4VA MAX @20V MAX. AC OR DC OR 5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED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

FUNCTION CHART			
FUNCTION			
03	ON	OFF	ON
05	(ON)	OFF	(ON)
07	ON	OFF	(ON)
TERMINALS CONNECTED	2–3	---	1–2
None: No mechanical position Off: Mechanical position with no electrical connection (On): Momentary action			

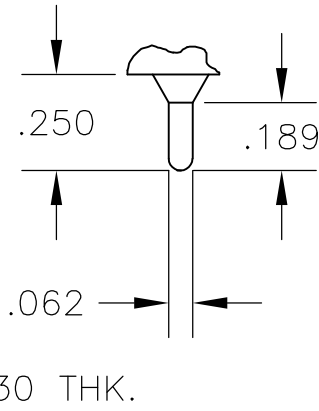
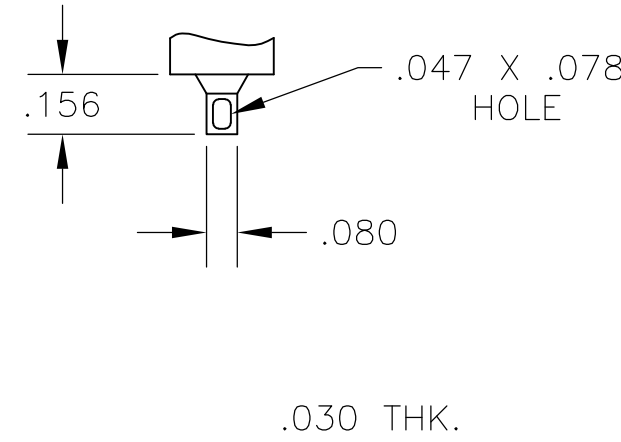
PART NUMBER SEQUENCE CHART						
MODEL	FUNCTION	TOGGLE	BUSHING	TERMINAL	CONTACT	RoHS
A1	03	K	CW	A	B	04
	05	K1	D	AV2	G	
	07	L	D9	C	Q	
EXAMPLE: A103SYCQ04		L1	H	V30		
		L2	Y	V40		
		M	Y9	W		
		P3		W4		
		S		Z		
		T		Z3		
		T1				

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, SINGLE POLE, 3 POSITION FUNCTIONS (03, 05 & 07)			
		PRODUCT SPEC	-				
		APPLICATION SPEC	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL		WEIGHT	-	A2	00779	C=1825137	-
		CUSTOMER DRAWING		SCALE	3:1	SHEET	1 of 4
						REV	A7

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



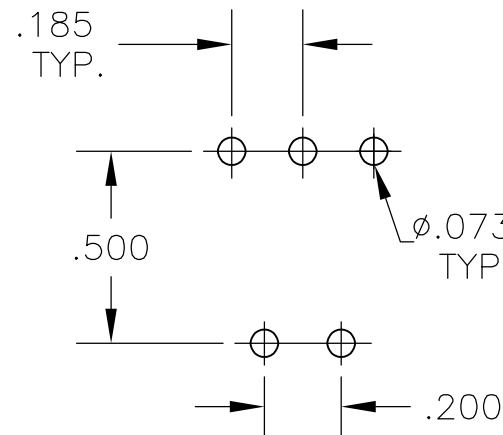
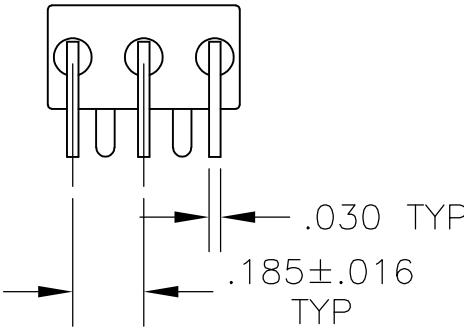
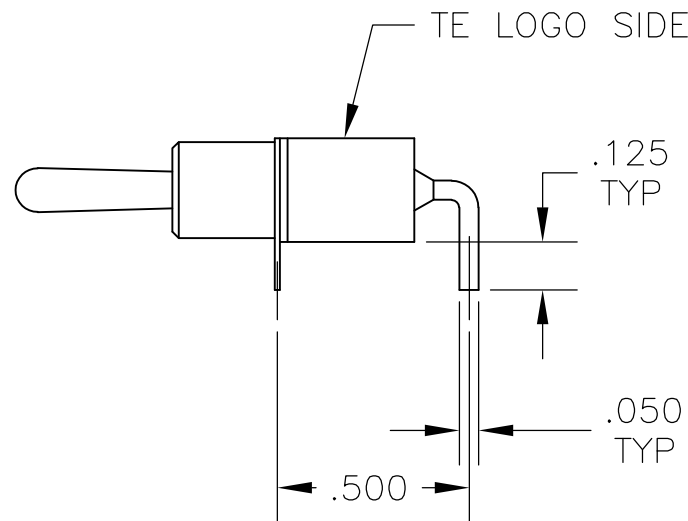
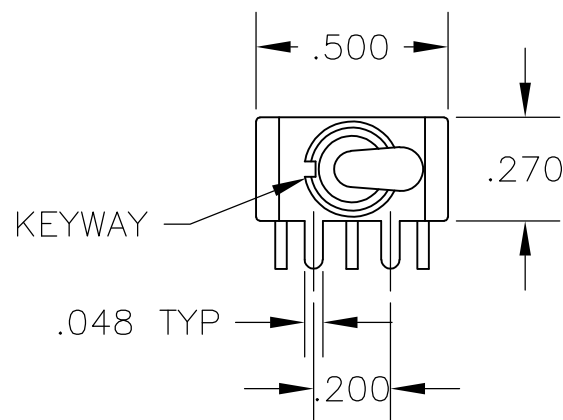
RECOMMENDED
PCB LAYOUT



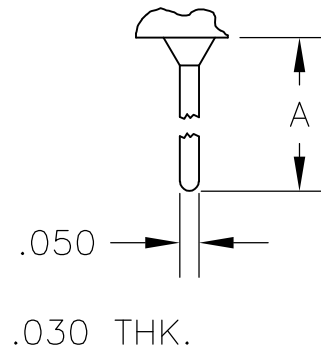
AV2 VERTICAL RIGHT ANGLE

Z WIRE LUG

Z3 QUICK CONNECT



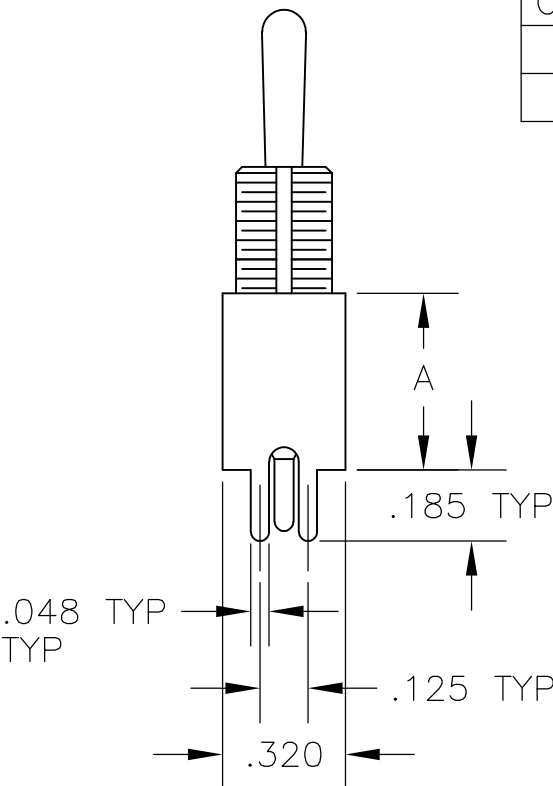
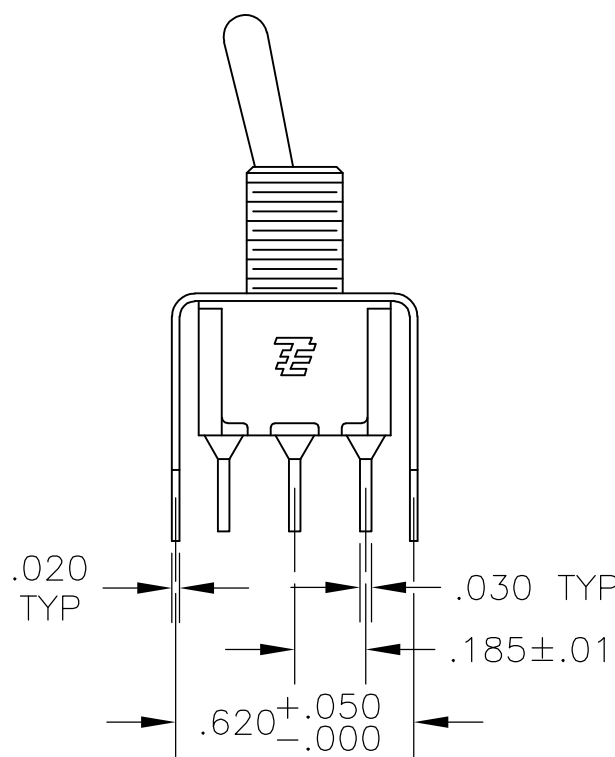
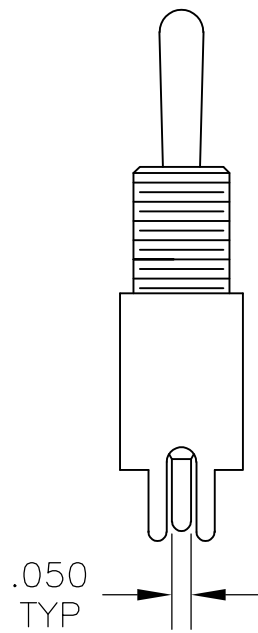
RECOMMENDED
PCB LAYOUT



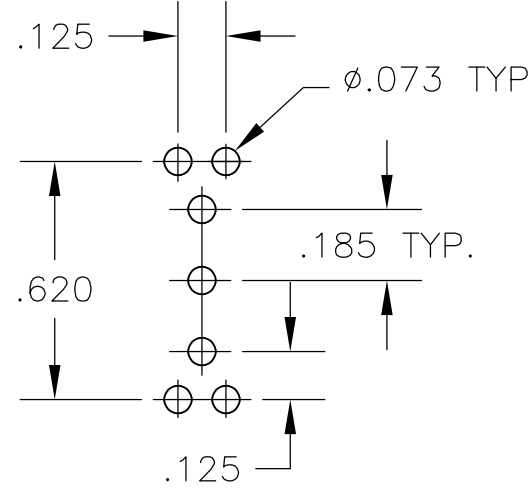
OPTION	DIM A
W	.736
W4	1.062

A RIGHT ANGLE

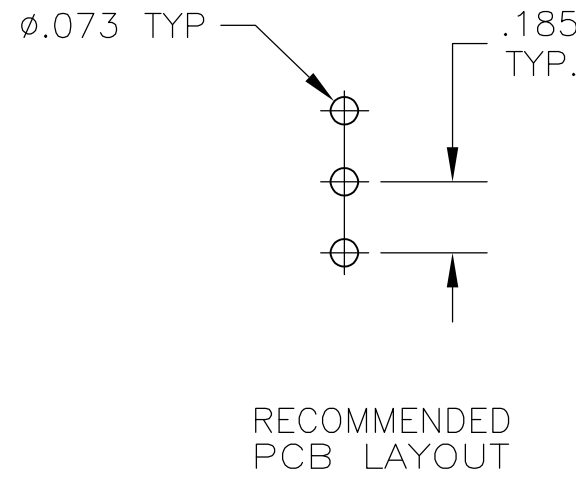
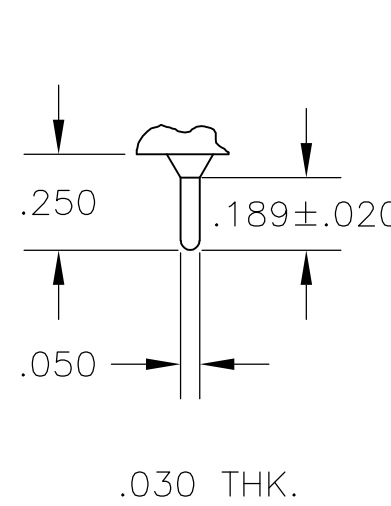
W W4 WIRE WRAP



OPTION	DIM A
V30	.460
V40	.630



RECOMMENDED
PCB LAYOUT



V30 V40
VERTICAL SUPPORT BRACKET

C PRINTED CIRCUIT

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, SINGLE POLE, 3 POSITION FUNCTIONS (03, 05 & 07)		
		PRODUCT SPEC	-	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	-	SIZE	CAGE CODE	DRAWING NO
0 PLC ± -		WEIGHT	-	A2	00779	C=1825137
1 PLC ± -		CUSTOMER DRAWING		SCALE	2:1	SHEET 3 of 4
2 PLC ± -						REV A7
3 PLC ± .010						
4 PLC ± -						
ANGLES ± 2°						
FINISH						

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

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