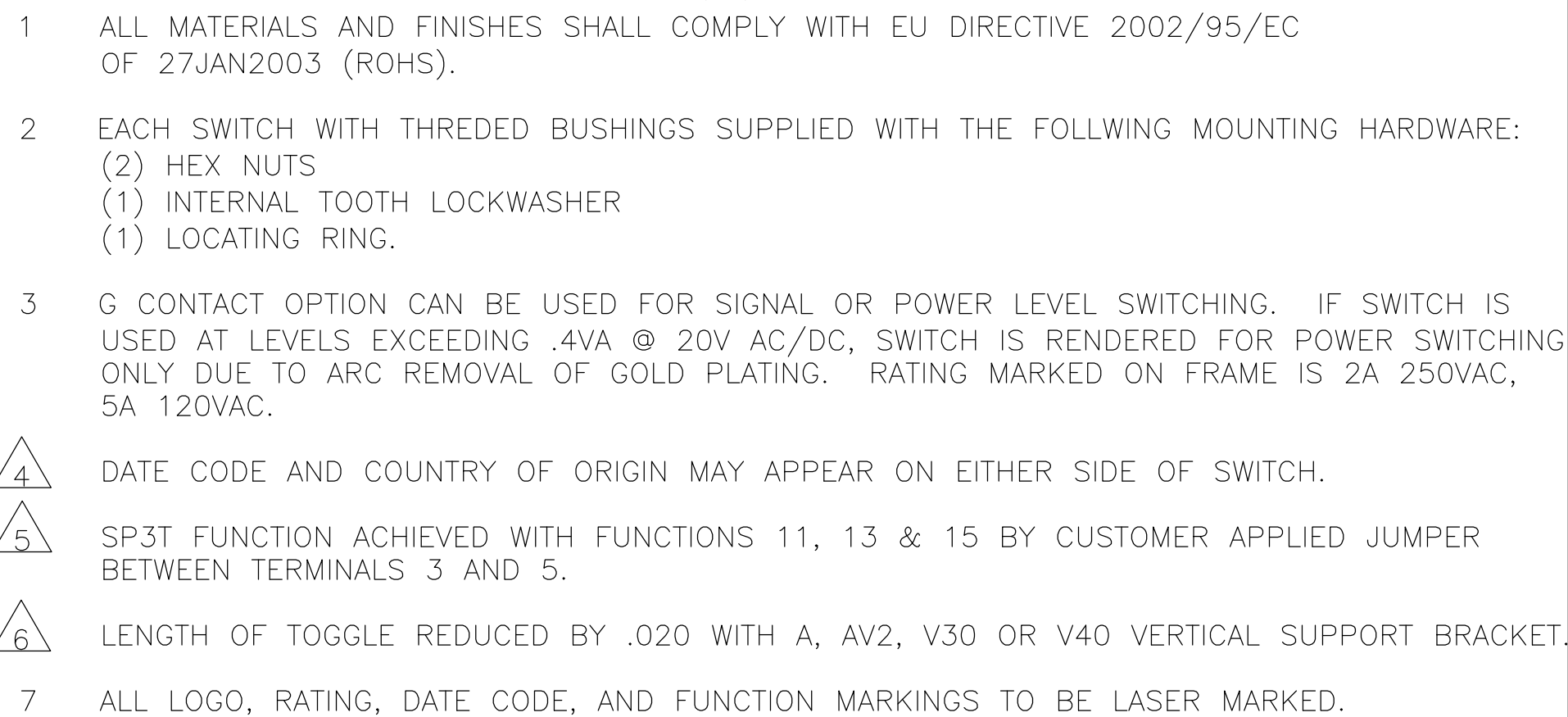
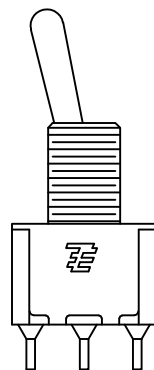
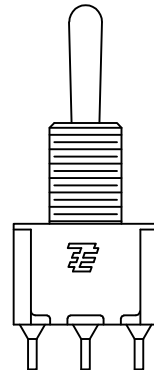
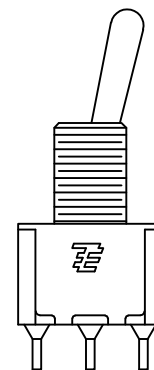
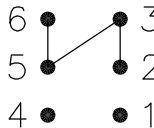
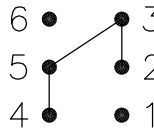
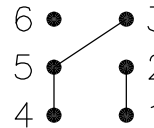
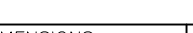




SPECIFICATIONS CHART	
RATING, B CONTACTS	.4VA MAX @20V MAX. AC OR DC
RATING, G CONTACTS—SEE NOTE 3	.4VA MAX @20V MAX. AC OR DC OR
	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
RATING, Q CONTACTS	5A @120 VAC OR 28 VDC (RESISTIVE)
	2A @250 VAC (RESISTIVE)
ELECTRICAL LIFE	6,000 CYCLES AT RATED 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		
	EXAMPLE: A207SYZQ04		P3		W	
			S		W4	
			T		Z	
			T1		Z3	

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			

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN M. ZITTO		18MAY05		 TE Connectivity								
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK M. ZITTO		NAME		GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)							
		APVD M. ZITTO		PRODUCT SPEC		APPLICATION SPEC									
		—		—		—									
MATERIAL		FINISH		WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
—		—		—		A2		00779		C=1825139		—			
CUSTOMER DRAWING										SCALE		SHEET		REV	
										3:1		1 of 4		A4	

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT - By - ALL RIGHTS RESERVED.

TOGGLES

Diagram of Toggle M (Short) showing dimensions: $\phi.105$, L, and a base with a 1/4-40 UNS-2A thread.

Diagram of Toggle S (Standard) showing dimensions: $\phi.115$, L, and a base with a 1/4-40 UNS-2A thread.

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

Diagram of Toggle K showing dimensions: .055, .314, .579±.022 LOCKED, .640±.022 UNLOCKED, and a base with a 1/4-40 UNS-2A thread.

Diagram of Toggle K1 showing dimensions: .055, .314, .610±.022 LOCKED, .680±.022 UNLOCKED, and a base with a 1/4-40 UNS-2A thread.

Diagram of Toggle L showing dimensions: $\phi.130$, L, and a base with a 1/4-40 UNS-2A thread.

Diagram of Toggle L1 showing dimensions: $\phi.130$, L, and a base with a 1/4-40 UNS-2A thread.

Diagram of Toggle L2 showing dimensions: $\phi.130$, L, and a base with a 1/4-40 UNS-2A thread.

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

Diagram of Toggle P3 showing dimensions: .040, $\phi.314$, .028, .100, .484, .297, .057, and a base with a 1/4-40 UNS-2A thread.

Diagram of Toggle T showing dimensions: .065, .031, $\phi.240$, .687, .448, .020, and a base with a 15/32-32 UNS-2A thread.

Diagram of Toggle T1 showing dimensions: .065, .031, $\phi.240$, .487, .448, .020, and a base with a 15/32-32 UNS-2A thread.

BUSHINGS

Diagram of Bushing D showing dimensions: .028, .040, .280, and a base with a 1/4-40 UNS-2A thread.

Diagram of Bushing Y showing dimensions: .028, .040, .350, and a base with a 1/4-40 UNS-2A thread.

Diagram of Bushing CW showing dimensions: $\phi.465$, .225, .296, .020, .057, and a base with a 1/4-40 UNS-2A thread.

Diagram of Bushing H showing dimensions: $\phi.314$, .225, .296, .020, .040, and a base with a 1/4-40 UNS-2A thread.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M. ZITTO 14APR05

CHK M. ZITTO

APVD M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS: INCHES

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .010

4 PLC ± -

ANGLES ± 2°

FINISH

NAME

GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE, 3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

2:1

SHEET

2 of 4

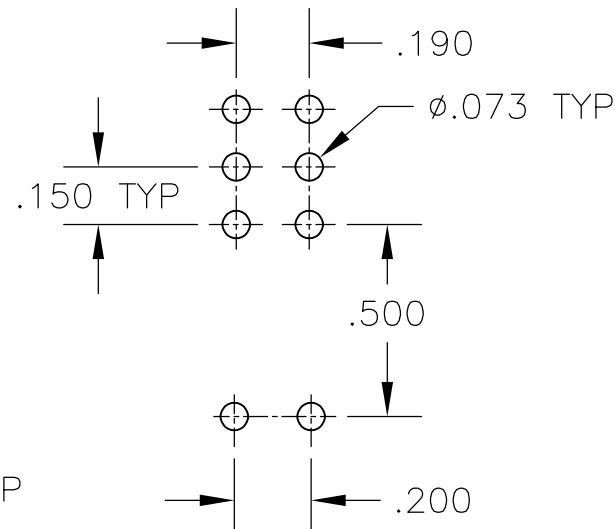
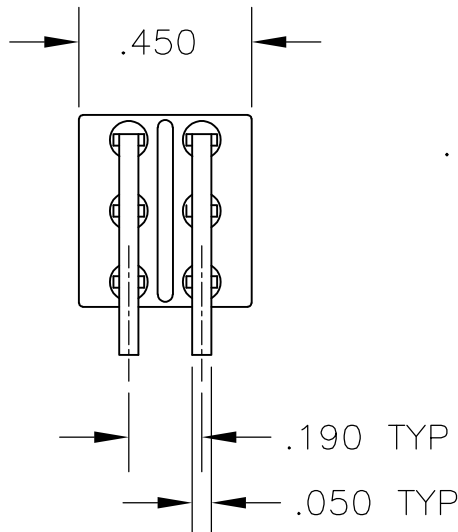
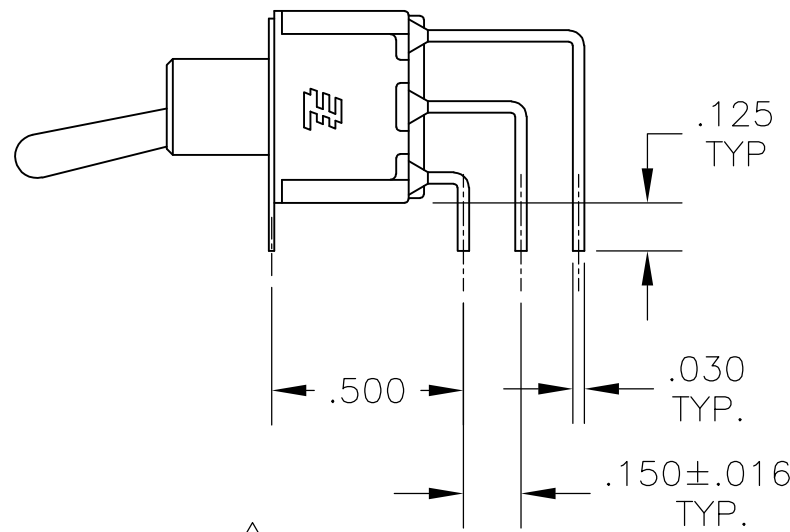
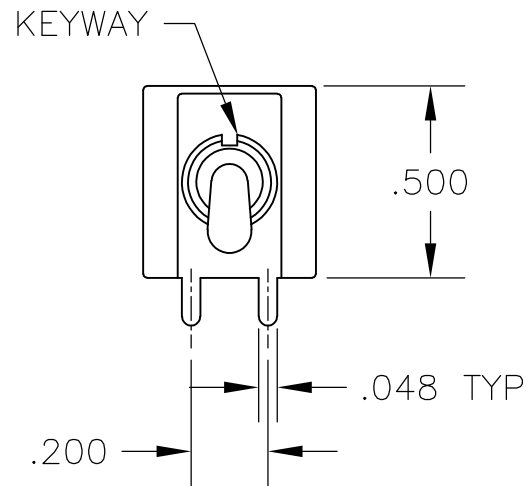
REV

A4

1471-9 (3/11)

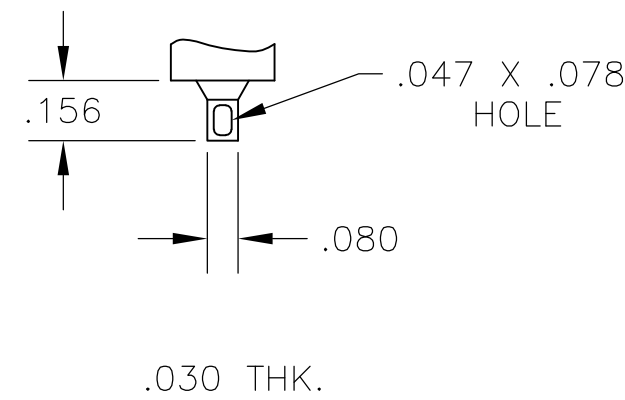
LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION		DATE	DWN
				-	-	SEE SHEET 1		-	-

D

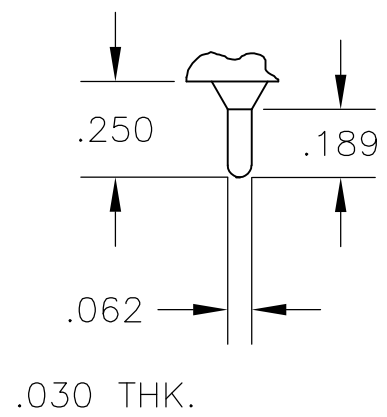


RECOMMENDED
PCB LAYOUT

AV2 VERTICAL RIGHT ANGLE 6

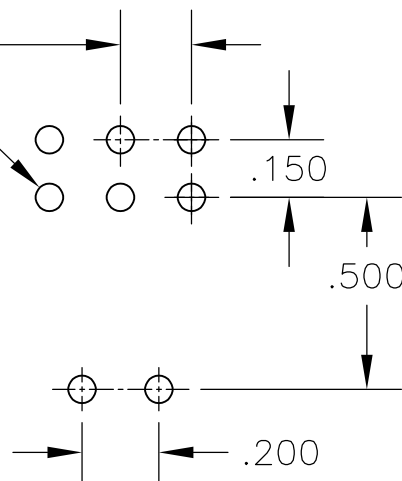
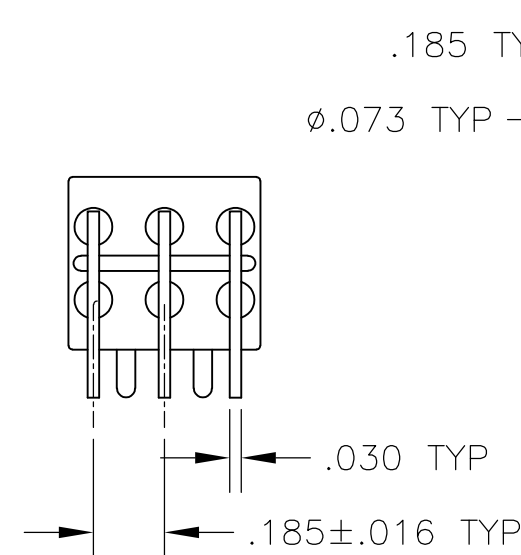
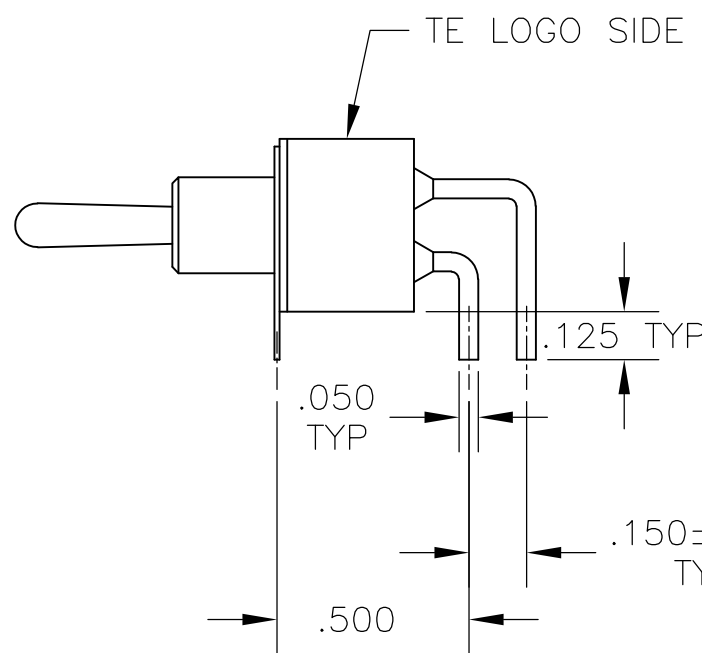
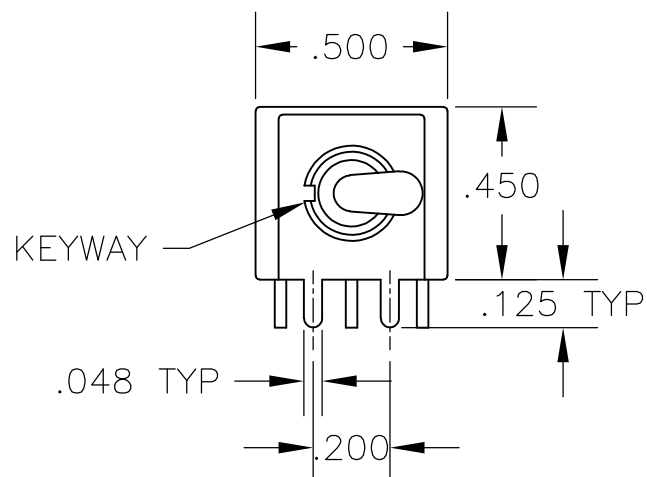


Z WIRE LUG



Z3 QUICK CONNECT

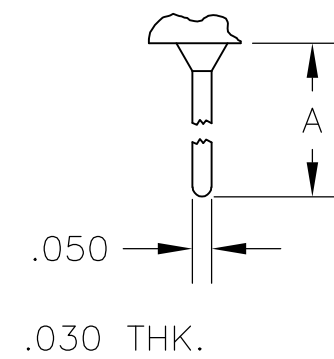
C



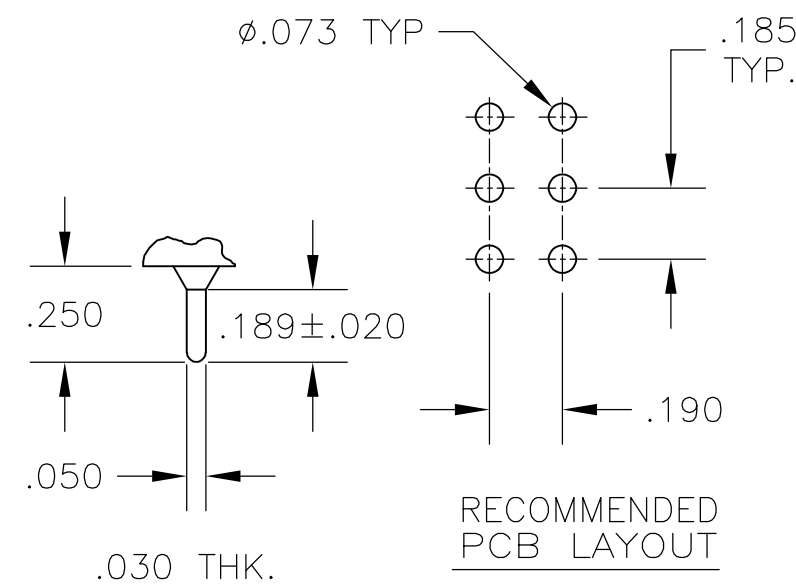
RECOMMENDED
PCB LAYOUT

A RIGHT ANGLE 6

OPTION	DIM A
W	.736
W4	1.062

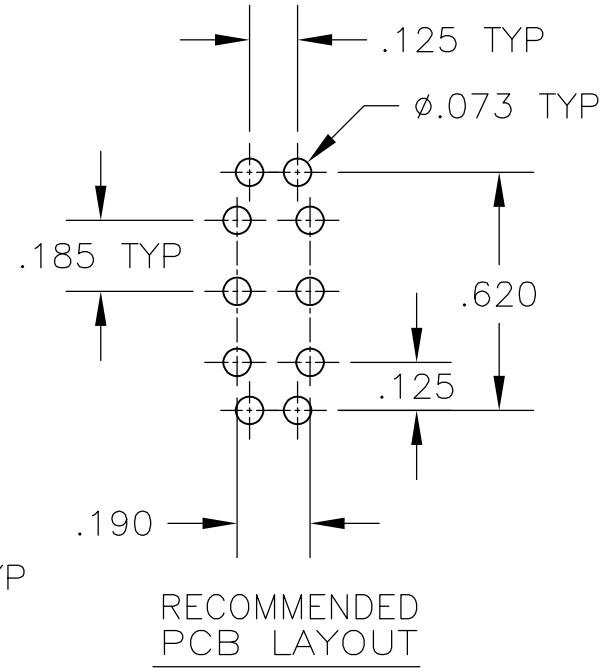
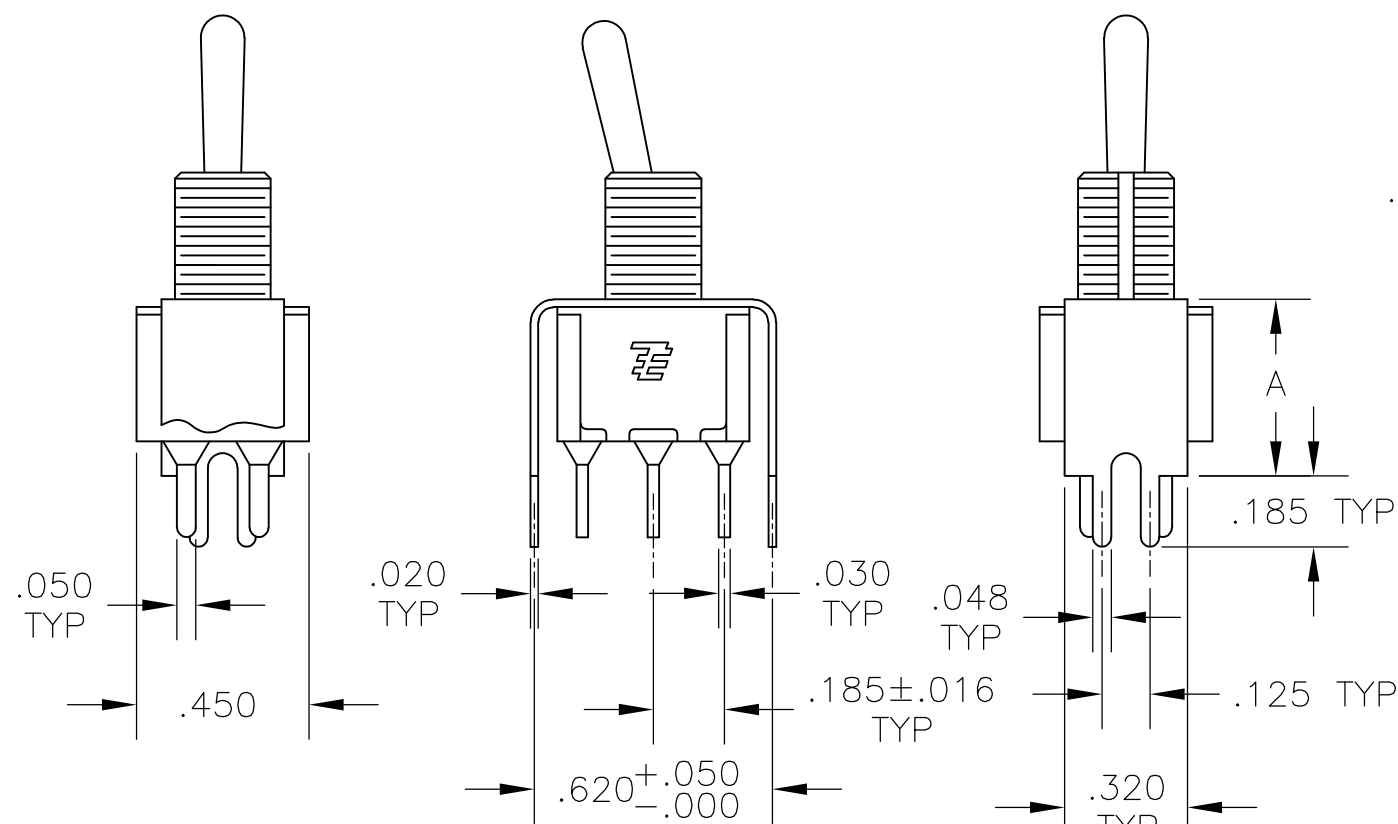


W W4 WIRE WRAP



C PRINTED CIRCUIT

B

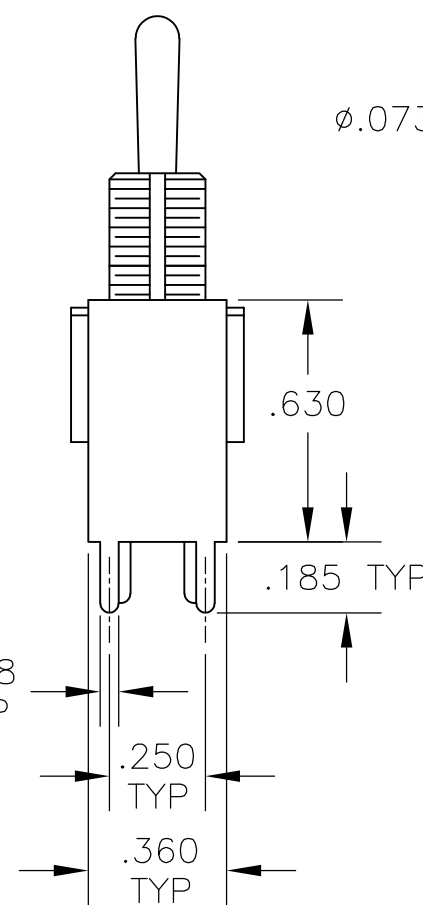
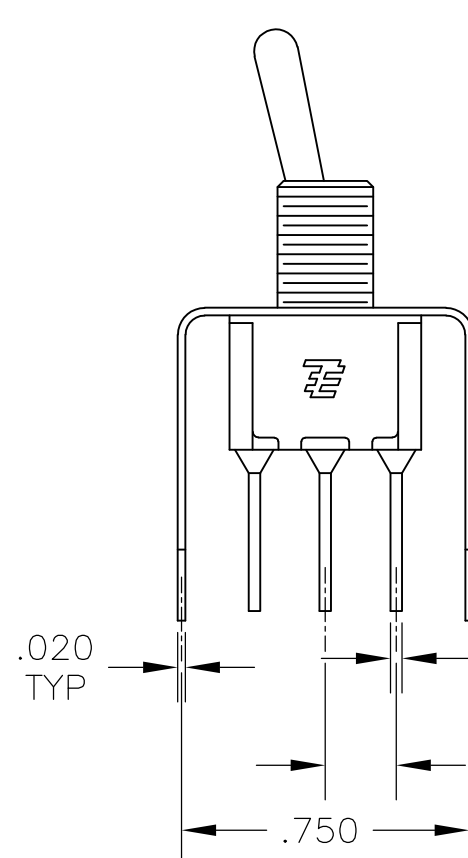
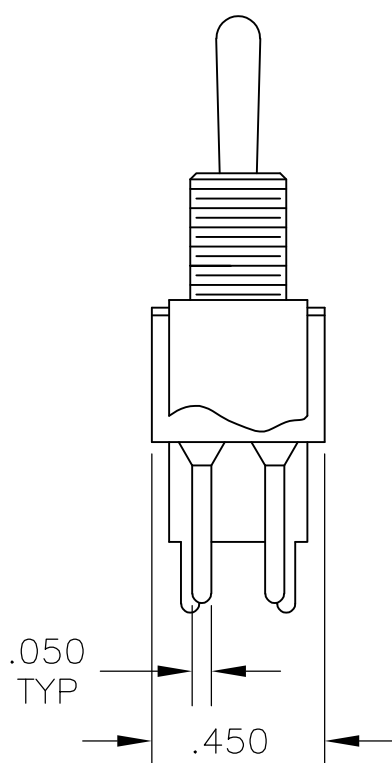


OPTION	DIM A
V30	.460
V40	.630

V30 V40 6
VERTICAL SUPPORT BRACKET

V70

VERTICAL SUPPORT BRACKET



A

THIS DRAWING IS A CONTROLLED DOCUMENT.				14APR05			
DWN M. ZITTO				-			
CHK M. ZITTO				-			
APVD M. ZITTO				-			
PRODUCT SPEC				-			
APPLICATION SPEC				-			
WEIGHT -				-			
CUSTOMER DRAWING				-			
SCALE 2:1				SHEET 3 of 4			
REV A4				-			



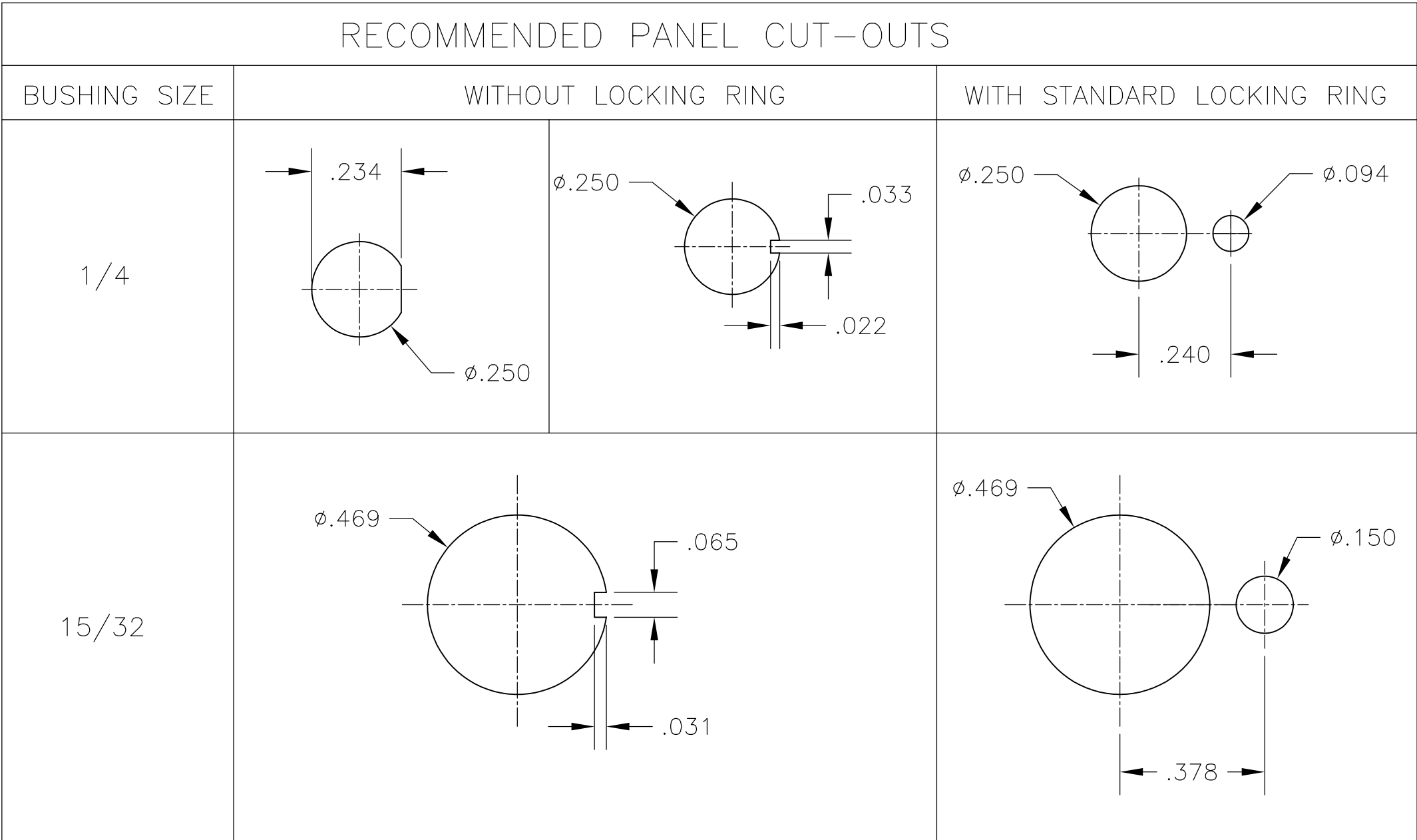
TE Connectivity

GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE,
3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)

SIZE A2 CAGE CODE 00779 DRAWING NO C=1825139 RESTRICTED TO -

LOC	DIST	REVISIONS			
AD	00	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



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.

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

-

DWN
M. ZITTO

CHK
M. ZITTO

APVD
M. ZITTO

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

14APR05

TE Connectivity

GEMINI A SERIES TOGGLE SWITCH, DOUBLE POLE,
3 POSITION FUNCTIONS (03, 05, 07, 11, 13 & 15)

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=1825139

RESTRICTED TO
-

SCALE
3:1

SHEET
4 of 4

REV
A4



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.