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LOCAD

DIST00

REVISONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
A1		REVISED PER ECO-11-004820	11MAR11	RK	HMR

MATERIALS

COMPONENT NAME	BASE MATERIAL	FINISH
CASE	LCP, BLACK, UL94 V-0	
TERMINAL, WIRE LUG (GOLD)	BRASS	GOLD OVER NICKEL
TERMINAL, PC & RA (GOLD)	BRASS	GOLD OVER NICKEL IN CONTACT AREA, TIN OVER NICKEL IN SOLDER AREA
TERMINAL, VRA (GOLD)	BRASS	GOLD OVER NICKEL IN CONTACT AREA, TIN OVER NICKEL IN SOLDER AREA
TERMINAL, WIRE LUG (SILVER)	SILVER CLAD COPPER	SILVER OVER NICKEL
TERMINAL, PC (SILVER)	SILVER CLAD COPPER	SILVER OVER NICKEL
CONTACT (GOLD)	COPPER ALLOY OR BRASS	GOLD OVER NICKEL
CONTACT (SILVER)	SILVER CLAD COPPER OR COPPER	SILVER OVER NICKEL
FRAME	STEEL	TIN OVER COPPER
SPRING	MUSIC WIRE	
PLUNGER BUTTON	NYLON 6/6, BLACK, RED OR BLUE, UL94 HB (EXTENDED) OR UL94V-2 (FLUSH)	
SUPPORT BRACKET (RA*ES VERSIONS ONLY)	BRASS	TIN OVER COPPER
SUPPORT BRACKET VRA (B&C BUSHINGS ONLY)	STEEL	TIN OVER COPPER
BUSHING	BRASS	NICKLE OVER COPPER
MOUNTING NUT	BRASS	NICKEL
LOCKWASHER	STEEL	NICKEL
ES HOUSING	NYLON 6/6, NATURAL, UL94 V-2	
ES BOOT	VINYL PLASTISOL, BLACK	

PART NUMBER MATRIX

MODEL	ACTUATOR	POLES	RATING	FUNCTION	PLATING	TERMINATIONS	PROCESS SEAL	BUTTON COLOR	04
TPC	BLANK=EXTENDED	1	1=GOLD .4VA	C=SPST MOMENTARY	G=GOLD	BLANK=WIRE LUG	ES=PROCESS SEALED	0=BLACK	
	F=FLUSH	2	3=SILVER 1 AMP	F=SPDT MOMENTARY	BLANK=SILVER	PC=PRINTED CIRCUIT		2=RED	
				M=DPST MOMENTARY		RA=RIGHT ANGLE		6=BLUE	
				R=DPDT MOMENTARY		VRA=VERTICAL RIGHT ANGLE			

NOTES:
1. AVAILABLE WITH B & C BUSHINGS ONLY
2. SILVER ONLY AVAILABLE IN WIRE LUG AND PC TERMINATIONS
3. RAES AVAILABLE WITH B & C BUSHING ONLY
4. VRA ONLY AVAILABLE IN SINGLE POLE

SPECIFICATIONS

RATING	GOLD: .4VA MAX. @ 20VDC OR PEAK AS RESISTIVE SILVER: 1A @ 125VAC OR 28 VDC RESISTIVE
INITIAL TERMINATION RESISTANCE	20 MILLIOHMS MAX.
INSULATION RESISTANCE	1,000 MEGOHMS MIN @ 500 VDC
DIELECTRIC STRENGTH	1,000 VOLTS RMS AT SEA LEVEL
TIMING	BREAK BEFORE MAKE
PLUNGER TRAVEL	.030
ACTUATION FORCE	50 TO 400 GRAMS
LIFE EXPECTANCY	.4 VA, 1 POLE: 100,000 .4 VA, 2 POLES: 80,000 1 A, 1 POLE: 60,000 1 A, 2 POLES: 50,000
OPERATING TEMPERATURE	-30°C TO +65°C
STORAGE TEMPERATURE	-30°C TO +65°C
TERMINAL SEAL	SINGLE POLE: EPOXY
	DOUBLE POLE: EPOXY OPTIONAL

NOTES:

1. TERMINAL NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON SWITCHES

2. ALL MATERIALS AND FINISHES COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

3. DISPOSABLE BOOT SUPPLIED WITH ES VERSIONS. BOOT TO BE PLACED OVER BUSHING BEFORE SOLDER WASHING

4. CENTER TERMINAL PRESENT ON DOUBLE THROW SWITCHES ONLY.

P/N	ALCO P/N	FLUSH ACTUATOR	POLES	THROWS	PLATING	TERMINALS	PROCESS SEALED	BUTTON COLOR	FUNCTION	CONNECTED TERMINALS	DIM A		
1825098-1	TPC11CGPC004	NO	1	1	GOLD	PC	NO	BLACK	OFF	MOM	OFF	1-3	.133
1825098-2	TPC11CGRA004	NO	1	1	GOLD	RIGHT ANGLE	NO	BLACK	OFF	MOM	OFF	1-3	.133
1825098-3	TPC11CGRA204	NO	1	1	GOLD	RIGHT ANGLE	NO	RED	OFF	MOM	OFF	1-3	.133
1825098-4	TPC11CGVRA004	NO	1	1	GOLD	VRA	NO	BLACK	OFF	MOM	OFF	1-3	N/A
1825098-5	TPC11FGPC004	NO	1	2	GOLD	PC	NO	BLACK	ON	MOM	1-2	2-3	.133
1825098-6	TPC11FGRA004	NO	1	2	GOLD	RIGHT ANGLE	NO	BLACK	ON	MOM	1-2	2-3	.133
1825098-7	TPC11FGVRA004	NO	1	2	GOLD	VRA	NO	BLACK	ON	MOM	1-2	2-3	N/A
1825098-8	TPC11FGVRA204	NO	1	2	GOLD	VRA	NO	RED	ON	MOM	1-2	2-3	N/A
1825098-9	TPC13C004	NO	1	1	SILVER	WIRE LUG	NO	BLACK	OFF	MOM	OFF	1-3	.133
1-1825098-0	TPC13C204	NO	1	1	SILVER	WIRE LUG	NO	RED	OFF	MOM	OFF	1-3	.133
1-1825098-1	TPC13CPC004	NO	1	1	SILVER	PC	NO	BLACK	OFF	MOM	OFF	1-3	.133
1-1825098-2	TPC13F004	NO	1	2	SILVER	WIRE LUG	NO	BLACK	ON	MOM	1-2	2-3	.133
1-1825098-3	TPC21MGRA204	NO	2	1	GOLD	RIGHT ANGLE	NO	RED	OFF	MOM	OFF	1-3, 4-6	N/A
1-1825098-4	TPC21RGPC004	NO	2	2	GOLD	PC	NO	BLACK	ON	MOM	1-2, 4-5	2-3, 5-6	N/A
1-1825098-5	TPC23M004	NO	2	1	SILVER	WIRE LUG	NO	BLACK	OFF	MOM	OFF	1-3, 4-6	N/A
1-1825098-6	TPC23R204	NO	2	2	SILVER	WIRE LUG	NO	RED	ON	MOM	1-2, 4-5	2-3, 5-6	N/A
1-1825098-7	TPCF11CGPC004	YES	1	1	GOLD	PC	NO	BLACK	OFF	MOM	OFF	1-3	.000
1-1825098-8	TPCF11CGRA004	YES	1	1	GOLD	RIGHT ANGLE	NO	BLACK	OFF	MOM	OFF	1-3	.000
1-1825098-9	TPCF11FGRA004	YES	1	2	GOLD	RIGHT ANGLE	NO	BLACK	ON	MOM	1-2	2-3	.000
2-1825098-0	TPCF13C004	YES	1	1	SILVER	WIRE LUG	NO	BLACK	OFF	MOM	OFF	1-3	.000
2-1825098-1	TPCF13C004	YES	1	2	SILVER	WIRE LUG	NO	BLACK	ON	MOM	1-2	2-3	.000

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± .010
1 PLC ± .010
2 PLC ± .010
3 PLC ± .010
4 PLC ± .010
ANGLES ± .5°

MATERIAL: -

FINISH: -

DWN: RAGHU
CHK: -
APVD: -

12-5-05

PRODUCT SPEC: -
APPLICATION SPEC: -
WEIGHT: -

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 1825098

RESTRICTED TO: -

CUSTOMER DRAWING

SCALE: 4:1

SHEET: 1 OF 5

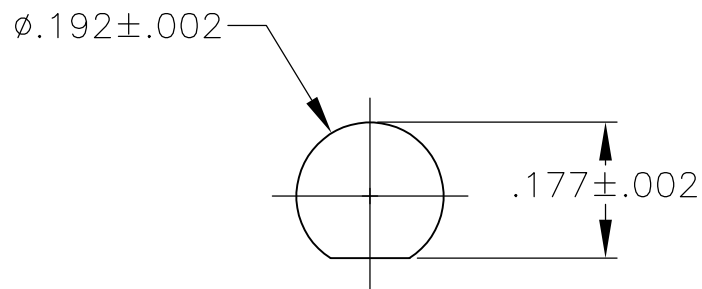
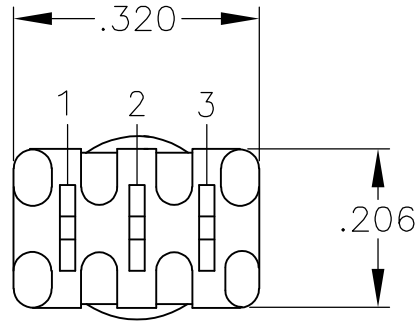
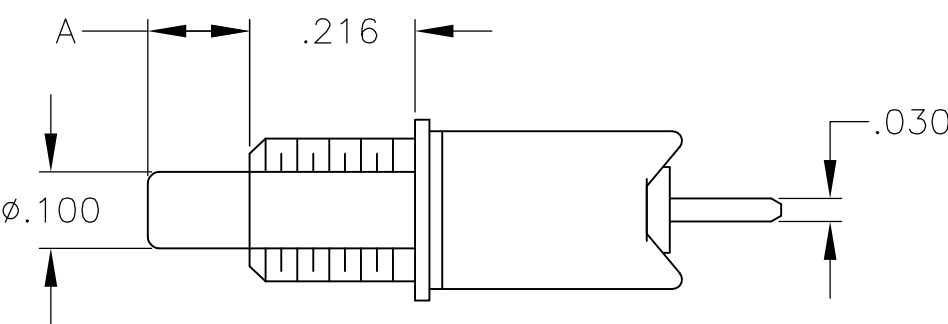
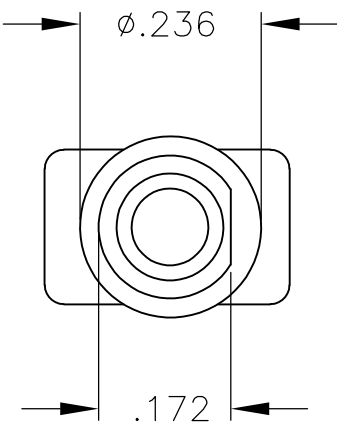
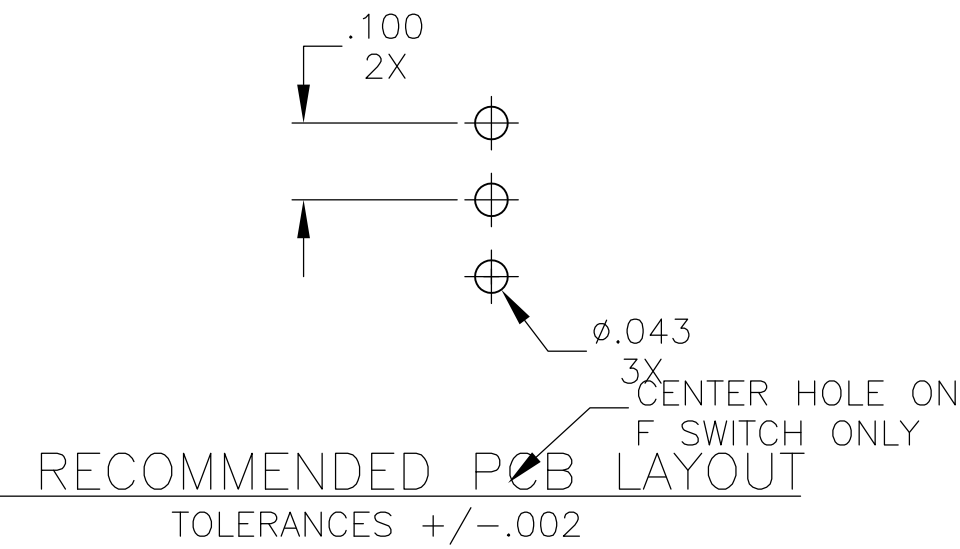
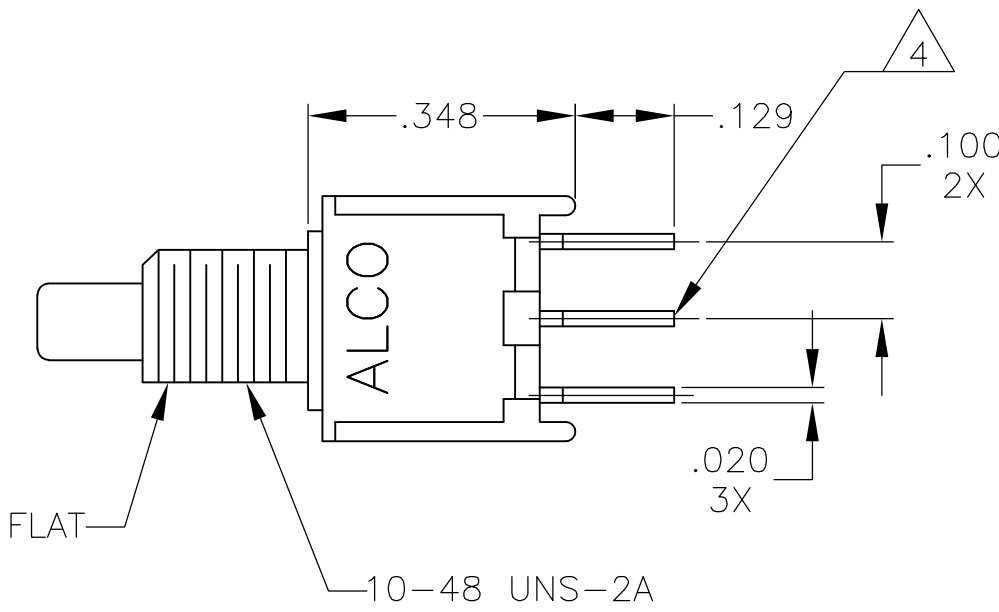
REV: A1

TE Connectivity

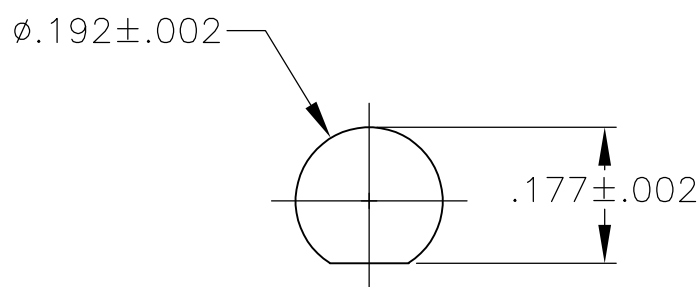
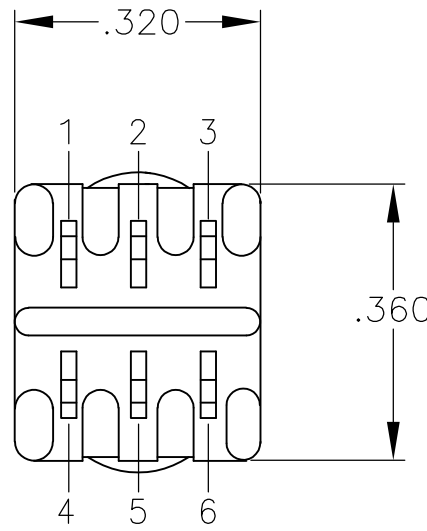
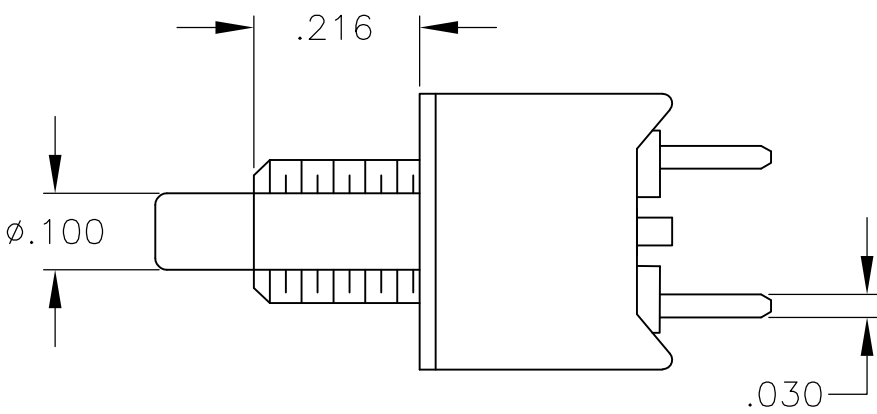
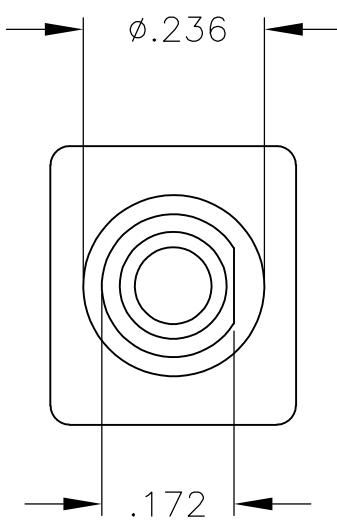
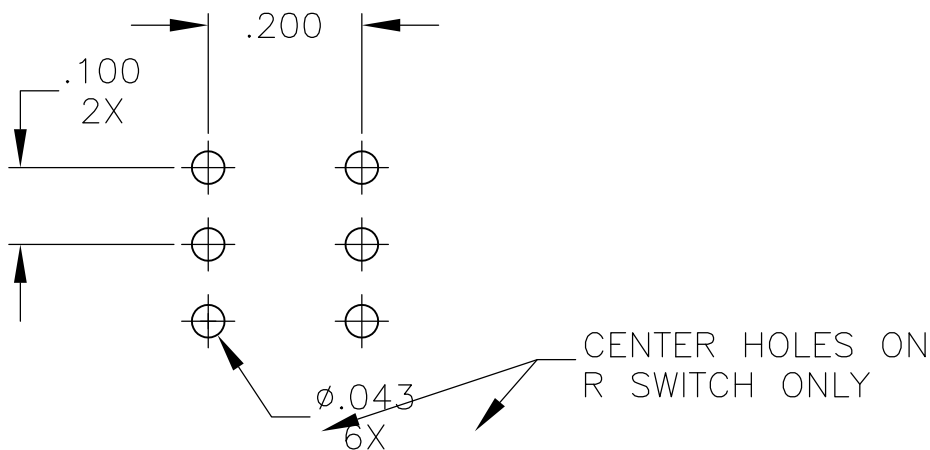
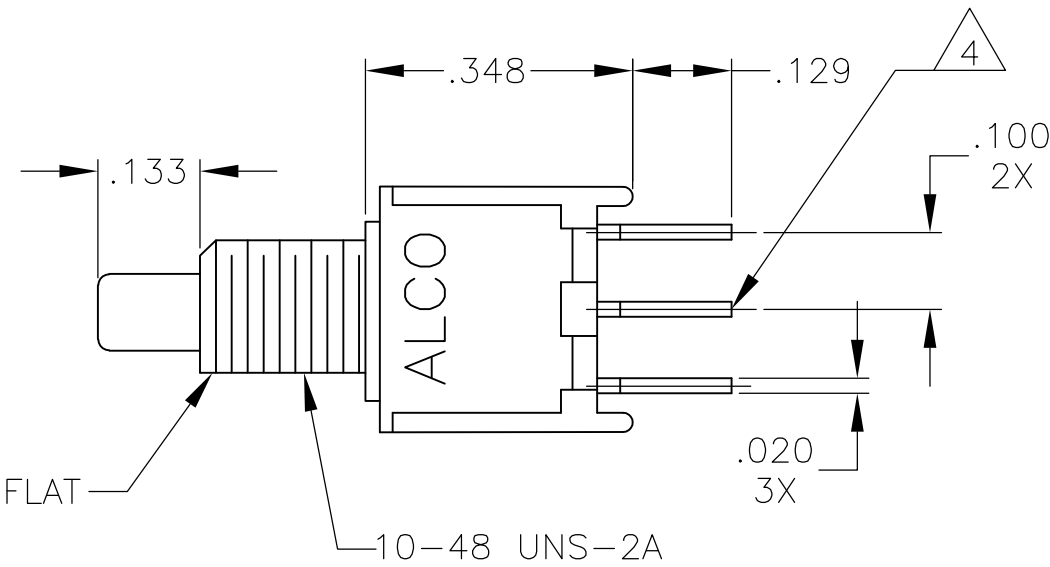
PUSHBUTTON SWITCH, TPC SERIES

4805 (3/11)

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



TPC11CGPC, TPC11FGPC
TPCF11CGPC, TPC13CPC



TPC21RGPC

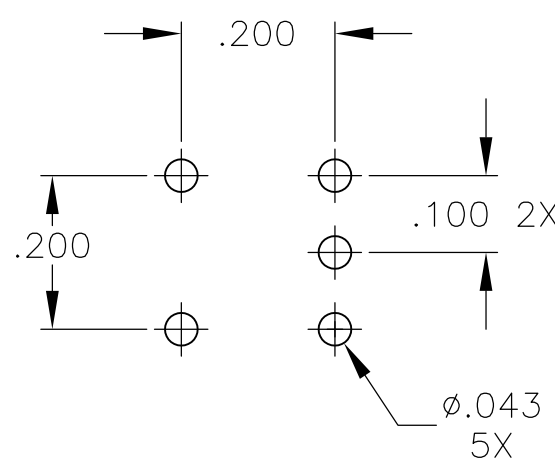
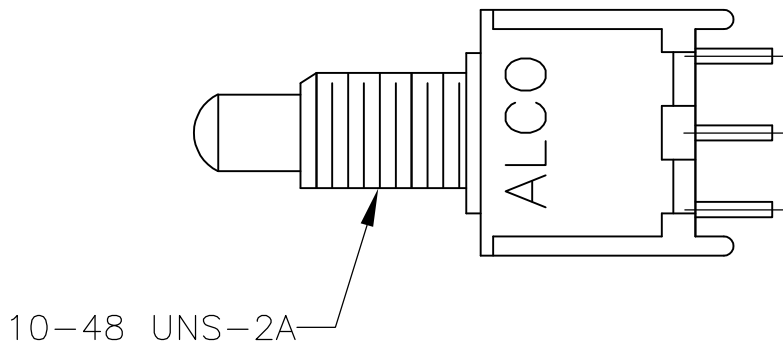
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAGHU	12-5-05	TE Connectivity	
DIMENSIONS: INCHES		CHK -	-	NAME PUSHBUTTON SWITCH, TPC SERIES	
	0. PLC	±	-	PRODUCT SPEC	-
	1. PLC	±	-	APPLICATION SPEC	-
	2. PLC	±	-	SIZE	A1
	3. PLC	±	.010	CAGE CODE	1825098
MATERIAL		FINISH	-	WEIGHT	-
CUSTOMER DRAWING		SCALE	4:1	SHEET	2 OF 5
		REV	A1		

D

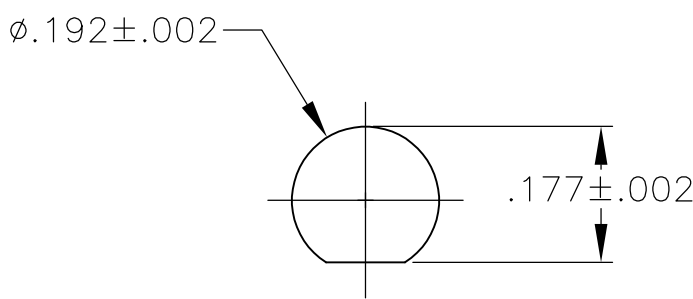
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B

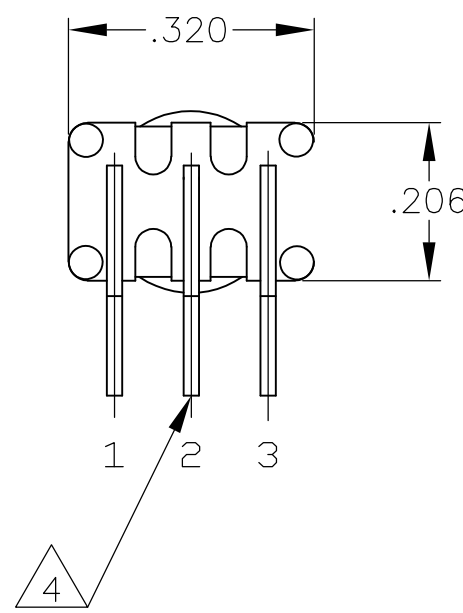
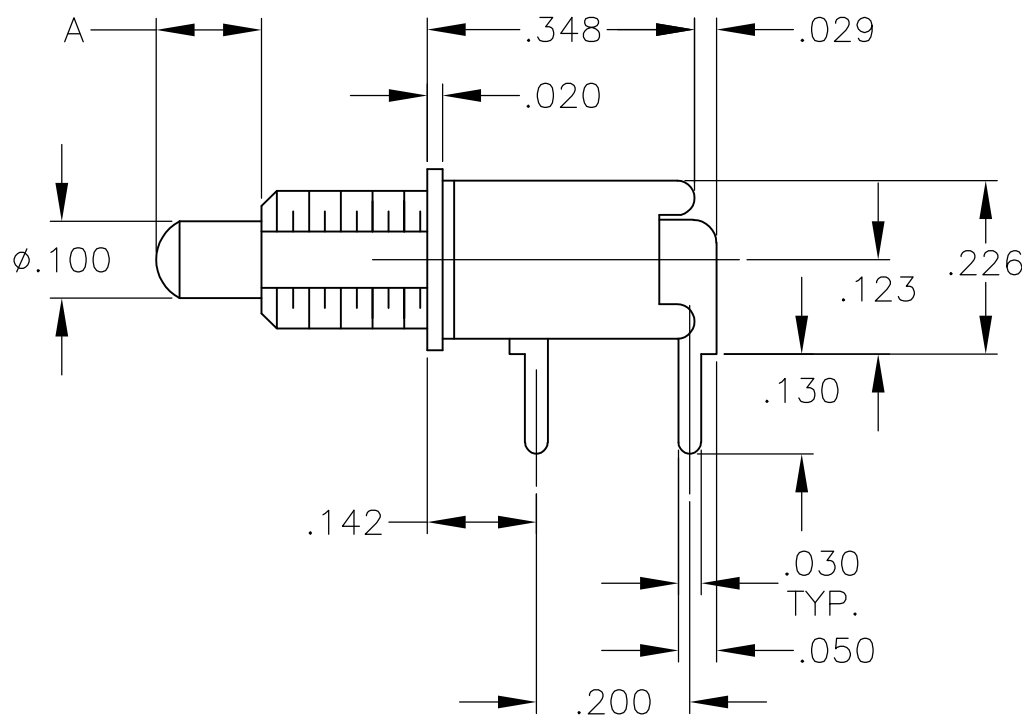
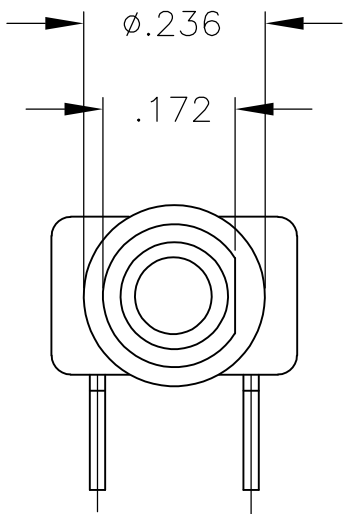
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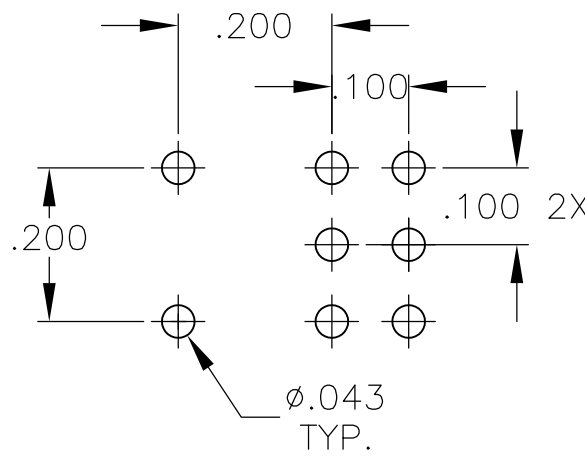
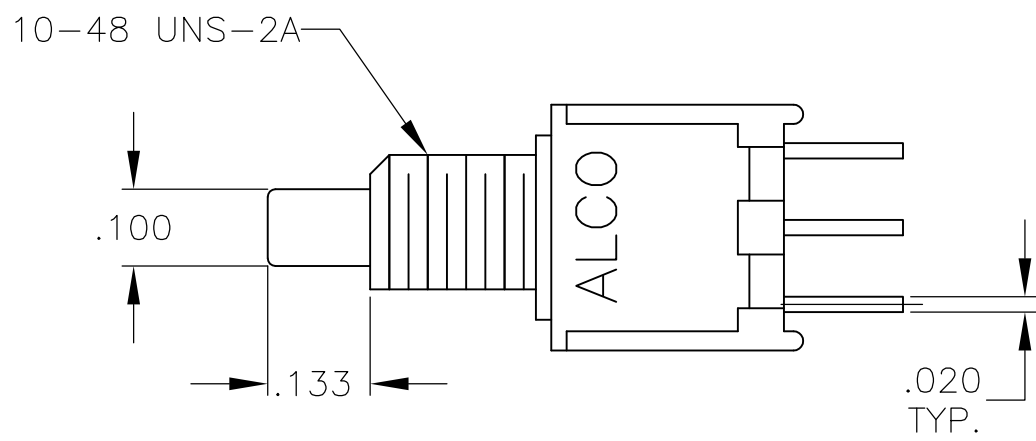
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TOLERANCES +/- .002



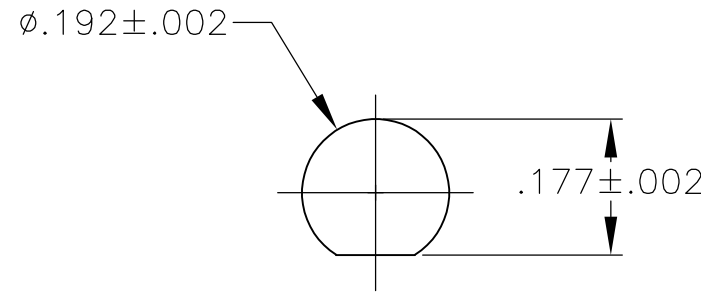
RECOMMENDED PANEL LAYOUT



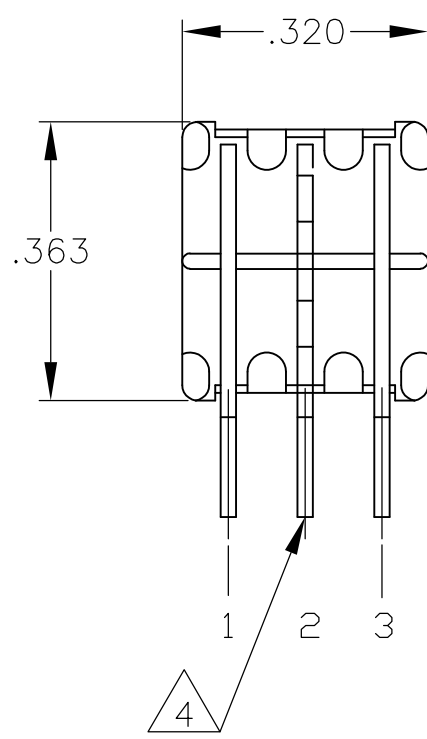
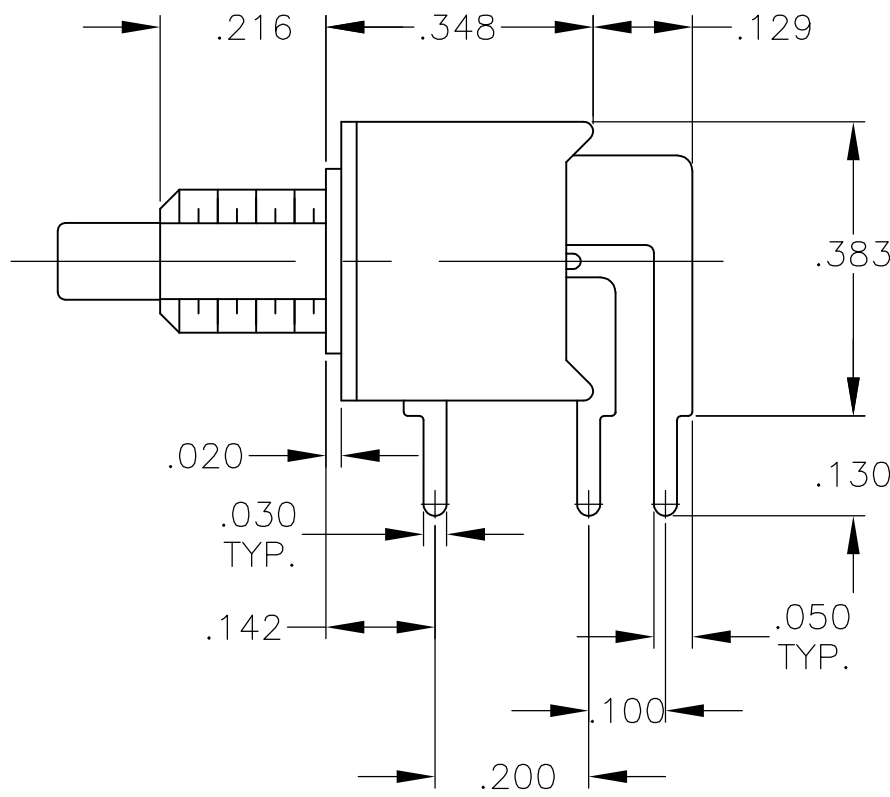
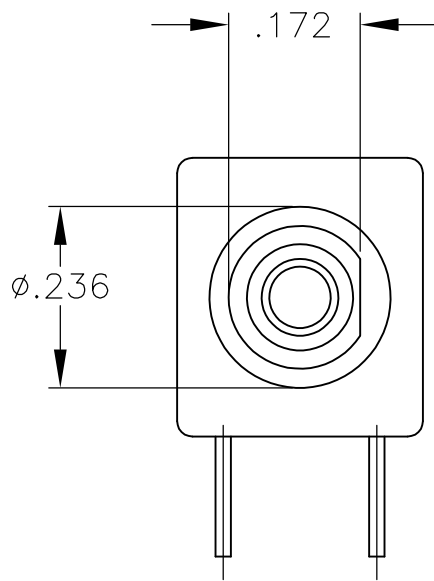
TPC11CGRA, TPC11FGRA
TPCF11CGRA, TPCF11FGRA



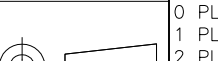
RECOMMENDED PCB LAYOUT
TOLERANCES +/- .002



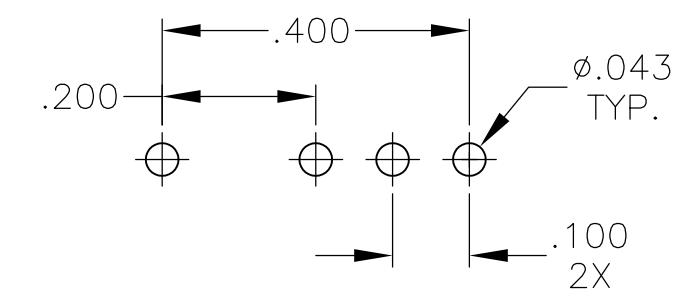
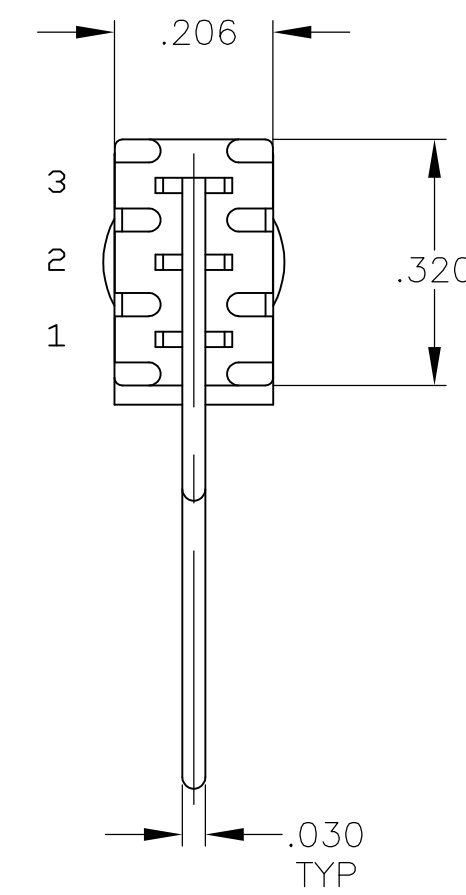
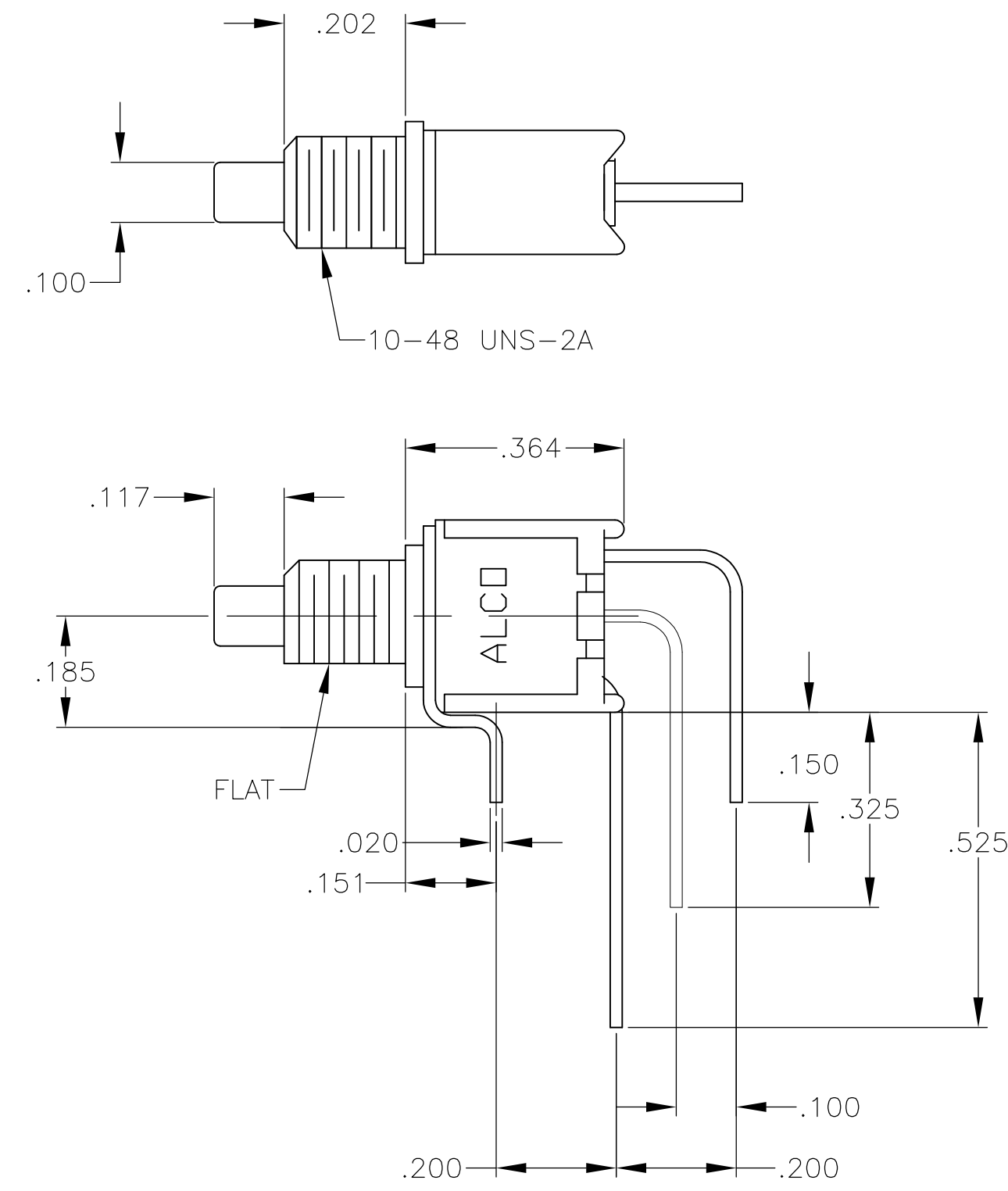
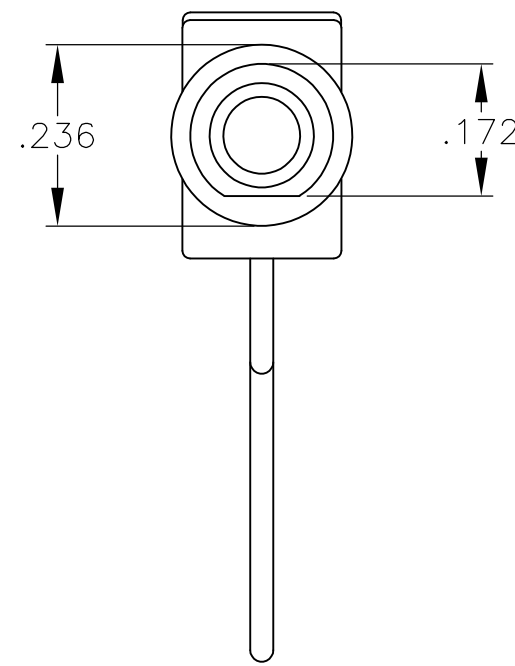
RECOMMENDED PANEL LAYOUT



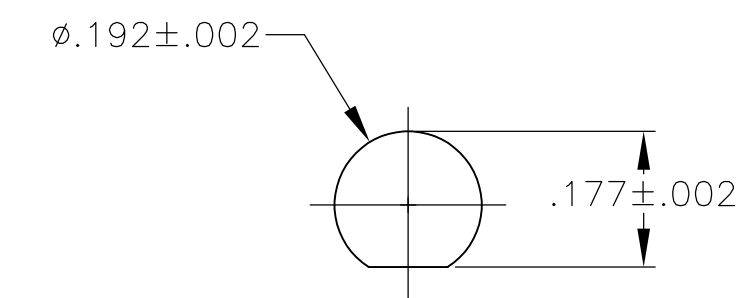
TPC21MGRA

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAGHU	12-5-05	 TE Connectivity	
DIMENSIONS: INCHES		CHK —	NAME PUSHBUTTON SWITCH, TPC SERIES		
	0 PLC	±	PRODUCT SPEC —		
	1 PLC	±	APPLICATION SPEC —		
	2 PLC	±	SIZE A1		
	3 PLC	± .010	CAGE CODE 00779		
	4 PLC	±	DRAWING NO C1825098		
ANGLES	± .3°	RESTRICTED TO —			
FINISH	—	WEIGHT —			
MATERIAL —	CUSTOMER DRAWING SCALE 4:1 SHEET 3 OF 5 REV A1				

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	AP'D
			—	SEE SHEET 1	—	—	—

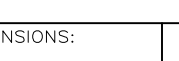


RECOMMENDED PCB LAYOUT
TOLERANCES +/- .002

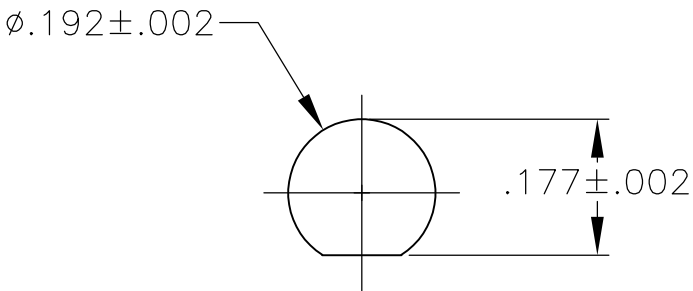
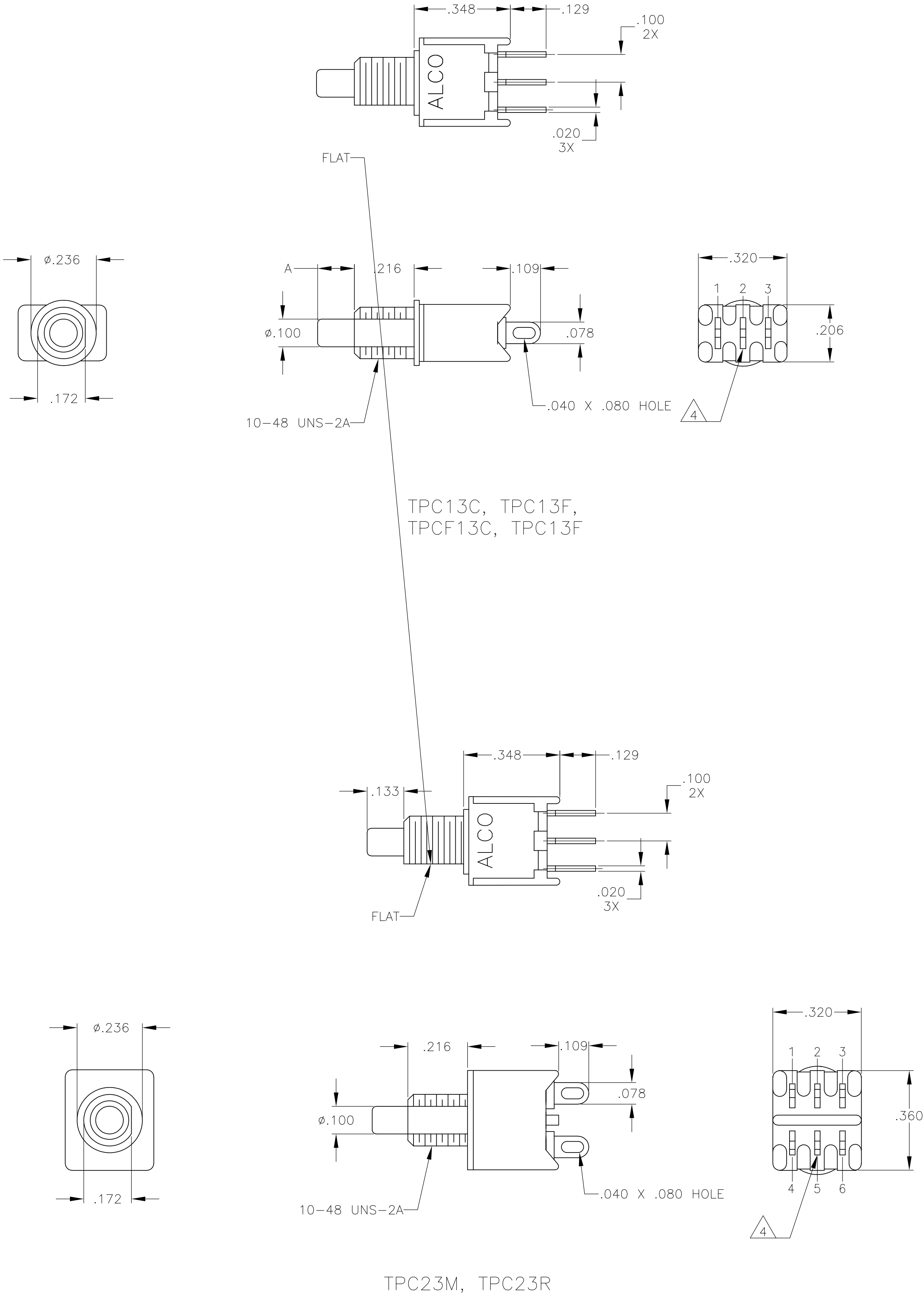


RECOMMENDED PANEL LAYOUT

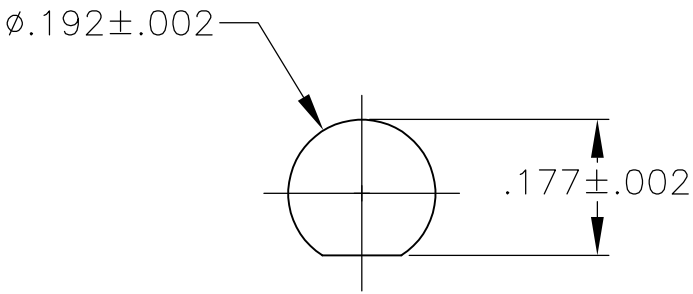
TPC11CGVRA, TPC11FGVRA

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. 12-5-05 RAGHU CHK		 TE Connectivity	
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:			
		APVD		NAME PUSHBUTTON SWITCH, TPC SERIES	
		PRODUCT SPEC			
		APPLICATION SPEC			
		—			
		—			
MATERIAL		FINISH		SIZE	
—		—		CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				A1 00779 C-1825098	
				—	
				CUSTOMER DRAWING	
				SCALE 4:1	
				SHEET 4 OF 5	
				REV A1	

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



RECOMMENDED PANEL LAYOUT



RECOMMENDED PANEL LAYOUT

TPC13C, TPC13F,
TPCF13C, TPC13F

TPC23M, TPC23R

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAGHU	12-5-05	TE Connectivity	
		CHK -	-		
	DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PUSHBUTTON SWITCH, TPC SERIES	
		0. PLC	$\pm$ -	PRODUCT SPEC	
		1. PLC	$\pm$ -	APPLICATION SPEC	
		2. PLC	$\pm$ -		
		3. PLC	$\pm$.010		
		4. PLC	$\pm$ -		
		ANGLES	$\pm$ °		
		FINISH	-		
MATERIAL	-	WEIGHT	-	SIZE A1	CAGE CODE 00779
		DRAWING NO	1825098	RESTRICTED TO	-
CUSTOMER DRAWING		SCALE	4:1	SHEET	5 OF 5
		REV	A1		

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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