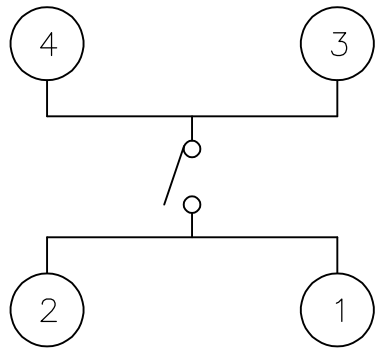
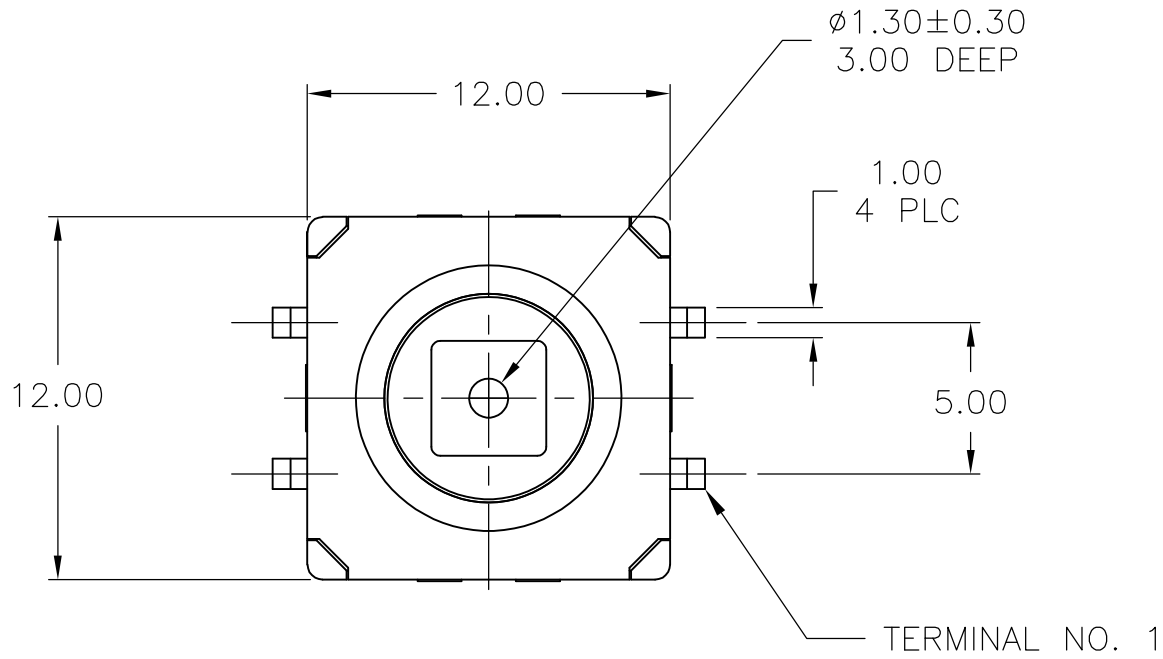
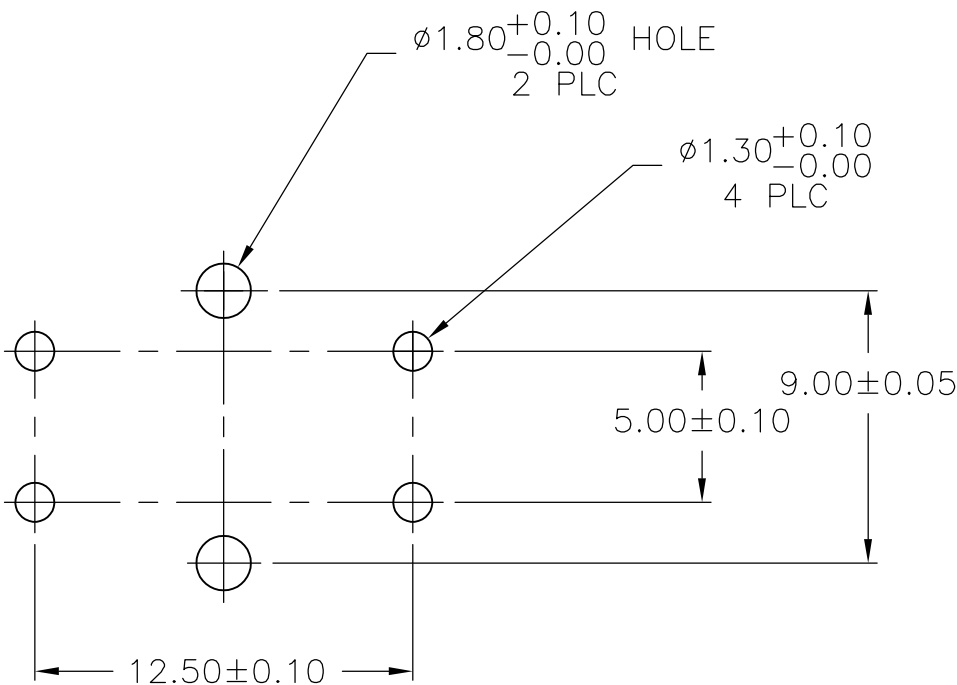
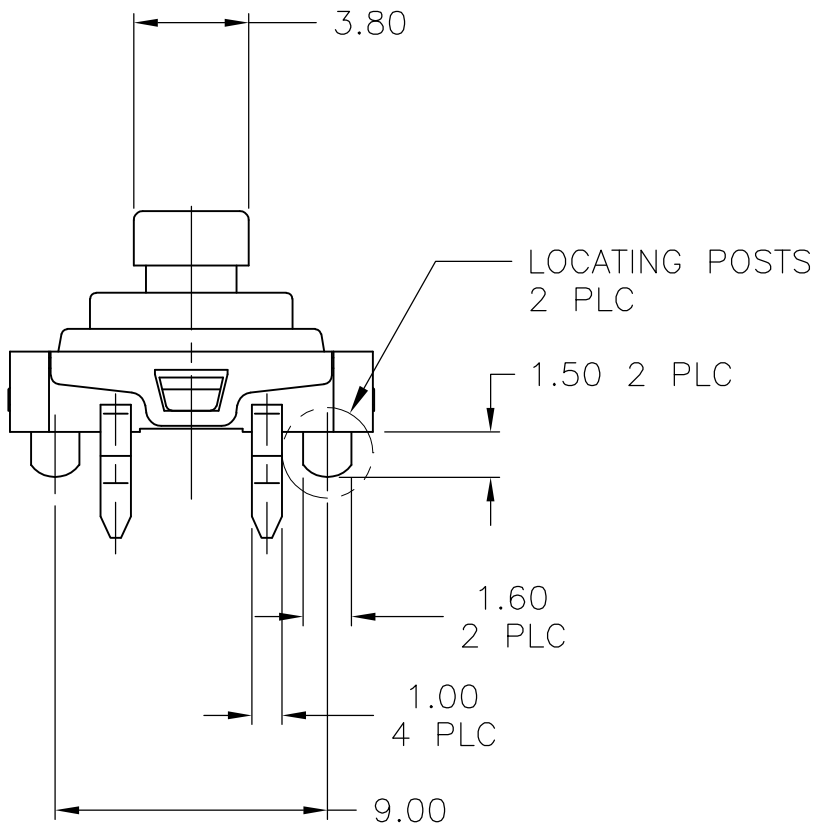
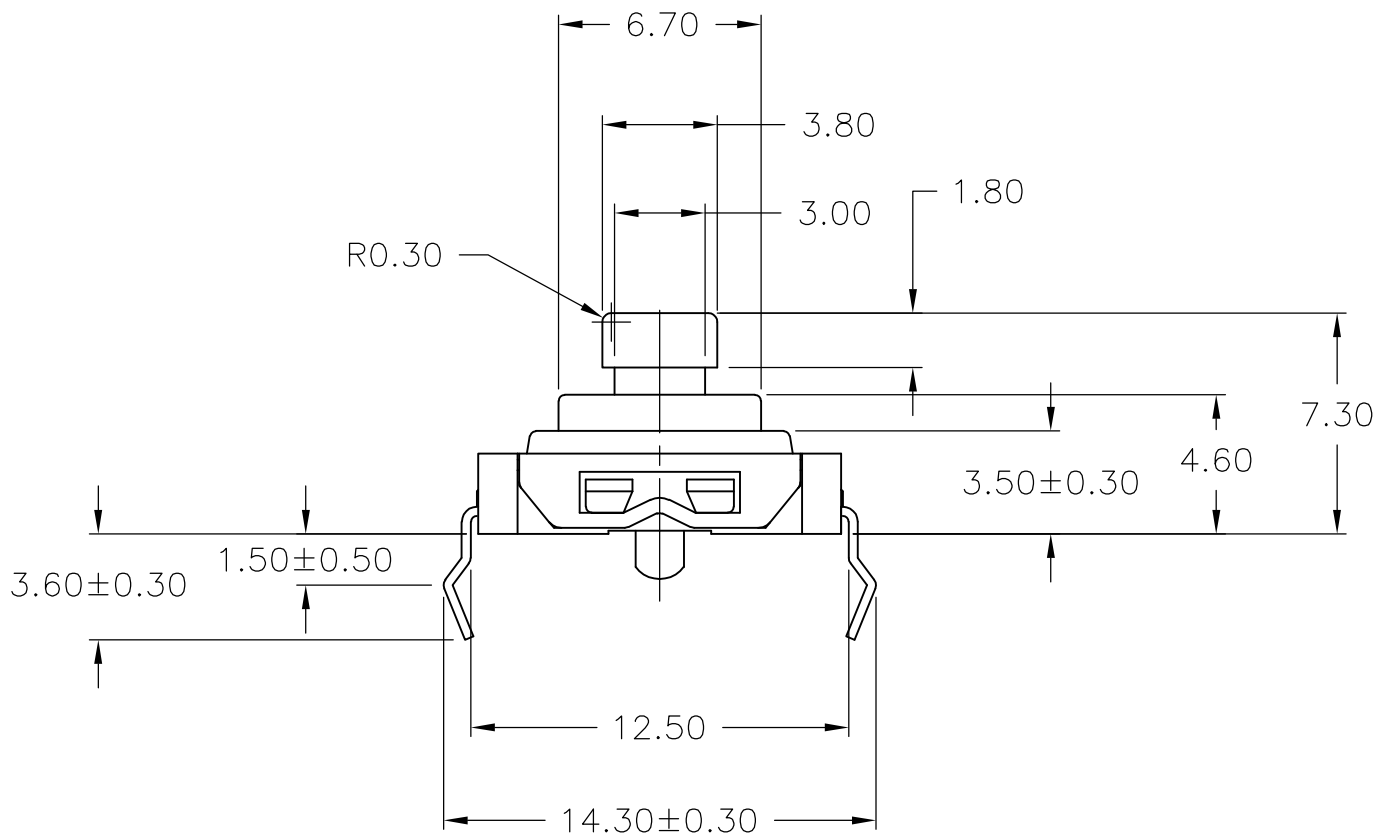


LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	APVD
		F1		REVISED PER ECO-08-006204	3/12/08	SS MS



CIRCUIT DIAGRAM



PC BOARD LAYOUT

SPECIFICATIONS

MATERIALS

CASE: THERMOPLASTIC, UL94V-0, BLACK
ACTUATOR: THERMOPLASTIC, UL94V-0, BLACK
COVER: STAINLESS STEEL
SEAL: SILICON RUBBER, BLACK
CONTACT: STAINLESS STEEL, PLATING-SILVER
TERMINAL: BRASS, PLATING-SILVER/NICKEL

ELECTRICAL

MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX, PER EIA RS-448, METHOD 1
INSULATION RESISTANCE: 100 MEGOHMS MIN @ 100VDC PER EIA RS-186-13E
DIELECTRIC STRENGTH: 500 VAC
CONTACT BOUNCE: 10 MILLISECOND MAX PER EIA-448-18, METHOD 15

MECHANICAL

ACTUATOR OPERATING FORCE: SEE TABLE
ACTUATOR TRAVEL: 0.35 ± 0.2 mm

DURABILITY

UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8
FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
CONTACT BOUNCE: 20 MILLISECONDS MAX
ACTUATOR FORCE: WITHIN $\pm 30\%$ OF INITIAL VALUE

ENVIRONMENTAL

OPERATING TEMPERATURE RANGE: -35°C to $+85^{\circ}\text{C}$
STORAGE TEMPERATURE RANGE: -35°C to $+85^{\circ}\text{C}$
HUMIDITY: 96 HOURS PER EIA-186-1E
INSULATION RESISTANCE: 10 MEGOHMS MIN
DIELECTRIC STRENGTH: 250VAC
CONTACT RESISTANCE: 100 MILLIOHMS MAX
DRY HEAT TEST: 85°C FOR 96 HOURS PER IEC 60068-2-2, TEST B,
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
COLD TEST: -35°C FOR 96 HOURS PER IEC 60068-2-1, TEST A;
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
THERMAL CYCLING: 5 CYCLES, -35°C to $+85^{\circ}\text{C}$
HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
CONTACT RESISTANCE 100 MILLIOHMS MAX
RESISTANCE TO SOLDERING HEAT PER 109-201, COND B

SEALING PER IP67

SOLDERABILITY: PER EIA RS-186-9E

NOTES:

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

160±70gf	WITH LOCATING POSTS	1571219-2
160±70gf	WITHOUT LOCATING POSTS	1571219-1
OPERATING FORCE	REMARKS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 16JAN2002		 Tyco Electronics Corporation Harrisburg, PA 17105			
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
		CHK H WYNKOOP 16JAN02		SWITCH ASSEMBLY, TACTILE, 12 X 12, SEALED			
		APVD H WYNKOOP 16JAN02					
		PRODUCT SPEC —					
		APPLICATION SPEC —					
MATERIAL —		FINISH —		SIZE A2	CAGE CODE 00779	DRAWING NO C=1571219	RESTRICTED TO —
CUSTOMER DRAWING				SCALE 4:1	SHEET 1 OF 1	REV F1	