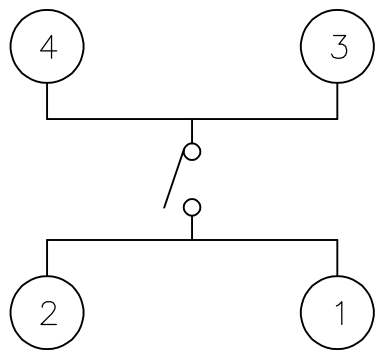
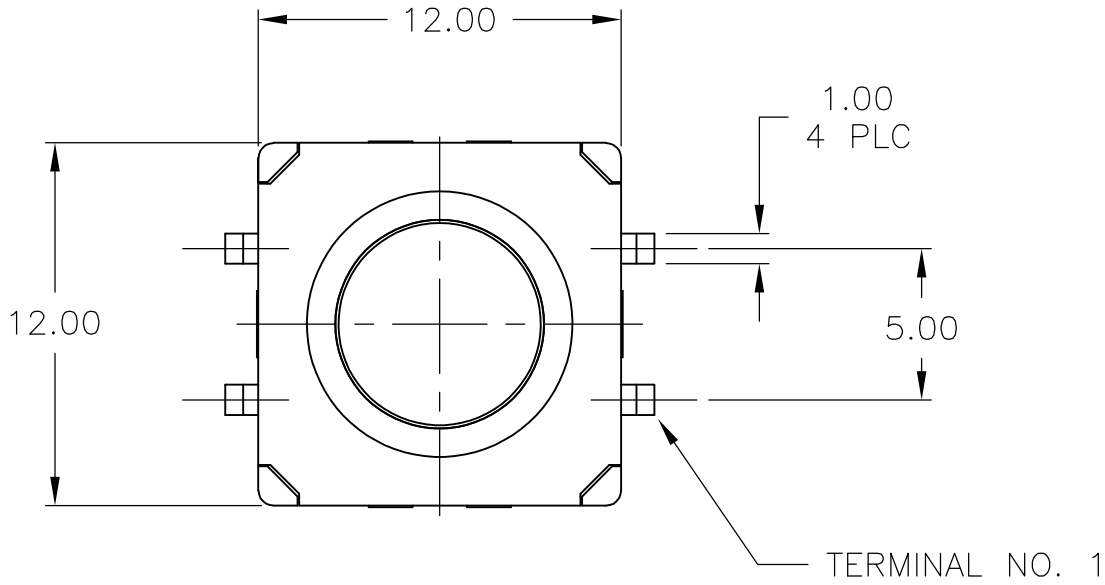


LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
		F		ECO-07-000908	02JUL07	MB



CIRCUIT DIAGRAM

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 RESITANCE: 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±0.2mm

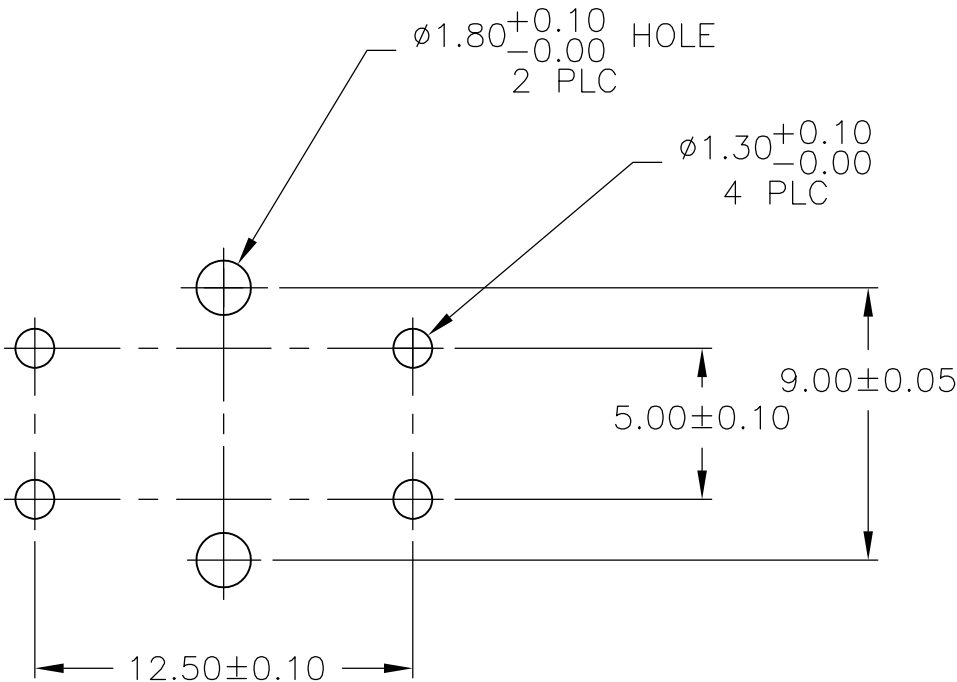
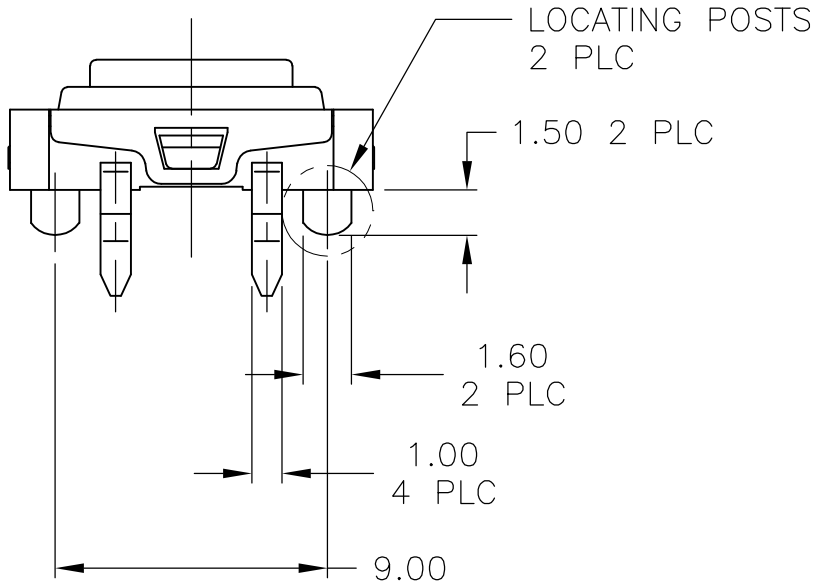
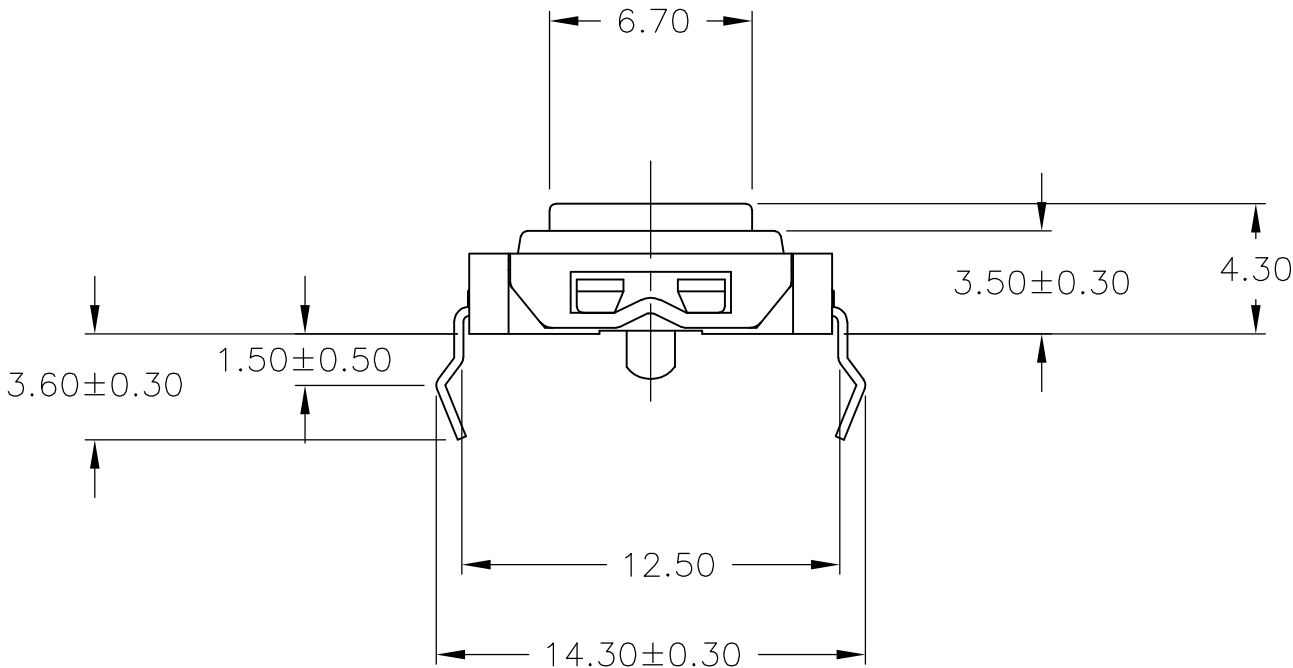
DURABILITY
UP TO 1,000,000 CYCLES, AT RATED LOAD PER EIA-RS-448, METHOD 8
FINAL CONTACT RESISTANCE: 200 MILLIOHMS MAX
CONTACT BOUNCE: 20 MILLISECONDS MAX
ACTUATOR FORCE: WITHIN ±30% OF INITIAL VALUE

ENVIRONMENTAL
OPERATING TEMPERATURE RANGE: -35°C to +85°C
STORAGE TEMPERATURE RANGE: -35°C to +85°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°C
HUMIDITY-TEMPERATURE CYCLING, EIA 364-31B, METHOD III
CONTACT RESISTANCE 100 MILLIOHMS MAX
RESISTANCE TO SOLDERING HEAT PER 109-202, COND B

SEALING PER IP67

SOLDERABILITY: PER EIA RS-186-9E

NOTES:
1. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU
DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)



PC BOARD LAYOUT

160±70gf	WITH LOCATING POSTS	1571220-2
160±70gf	WITHOUT LOCATING POSTS	1571220-1
OPERATING FORCE	REMARKS	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 16JAN2002	Tyco Electronics Corporation Harrisburg, PA 17105			
DIMENSIONS: MM		CHK H WYNKOOP 16JAN02				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.30 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH		SWITCH ASSEMBLY, TACTILE, 12 X 12, SEALED			
MATERIAL		APVD H WYNKOOP 16JAN02	PRODUCT SPEC		SIZE	RESTRICTED TO
		APPLICATION SPEC			CAGE CODE	
		WEIGHT			DRAWING NO	
		CUSTOMER DRAWING			A2 00779	
		SCALE			1571220	
		4:1			SHEET	
					1 OF 1	
					REV	
					F	