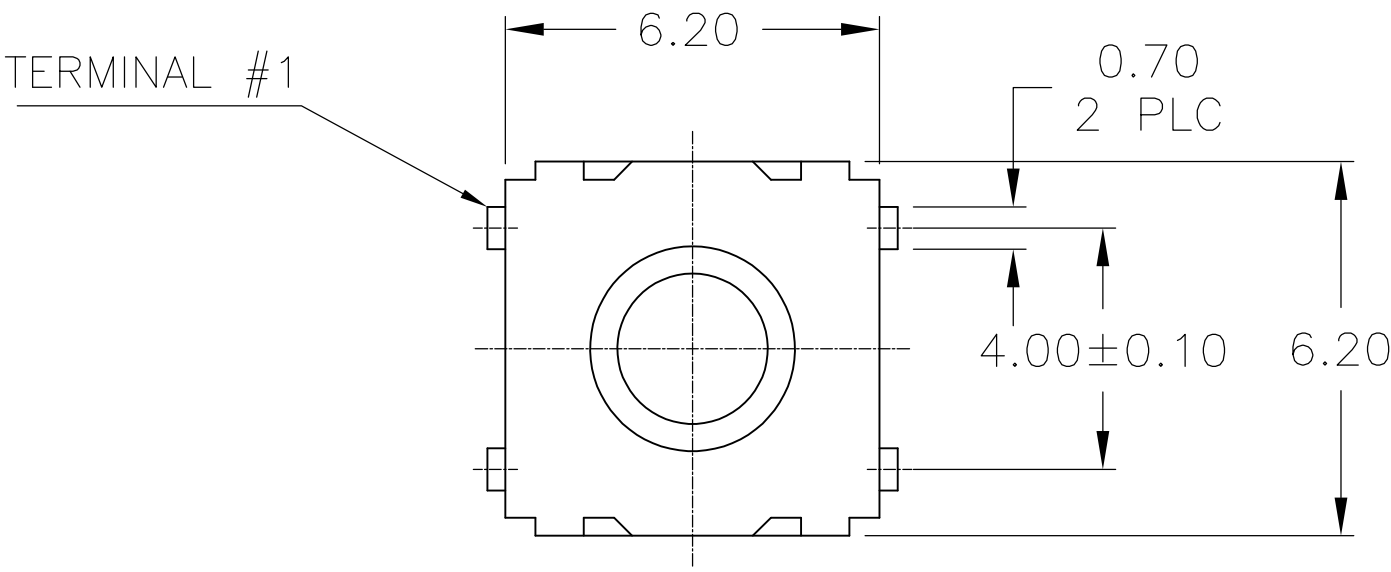
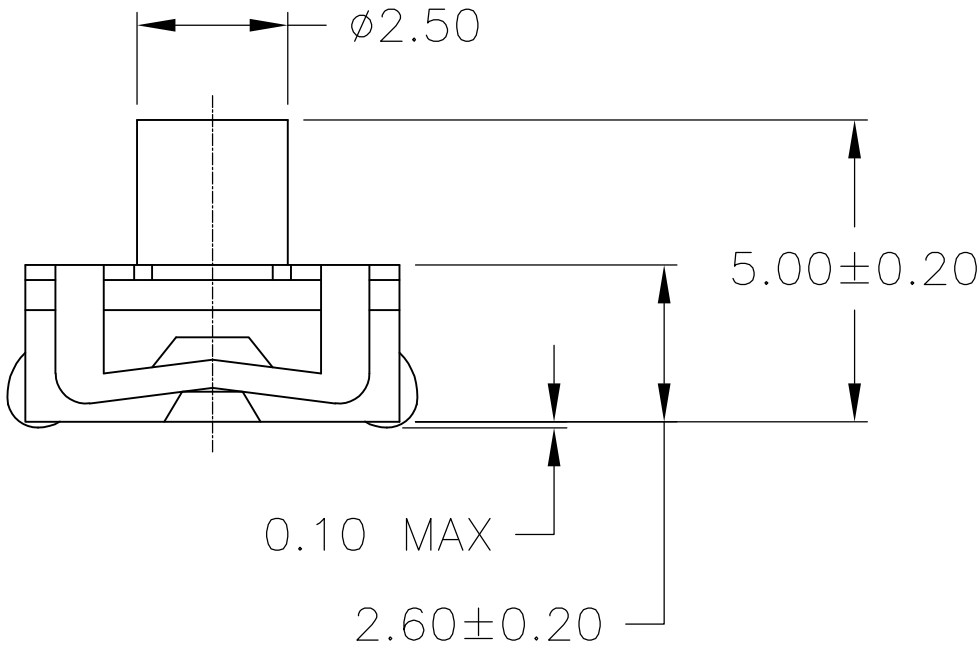


LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	REVISED PER ECO-08-012288	21MAY08	HMR	MS

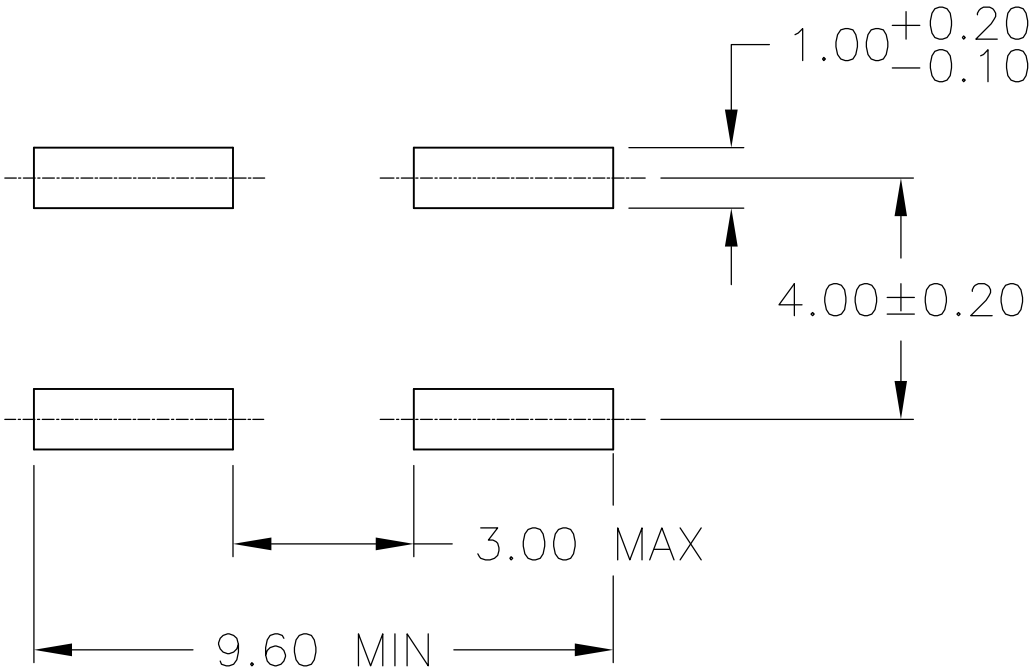
D



C

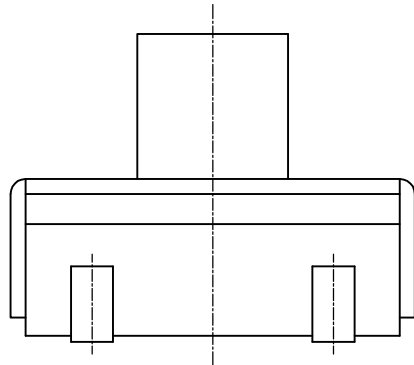


B

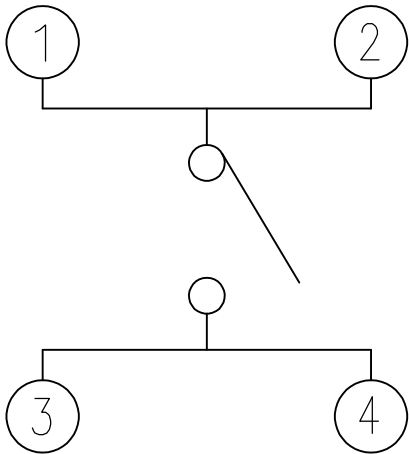


RECOMMENDED PC BOARD LAYOUT

A



CIRCUIT DIAGRAM



SPECIFICATIONS:

MATERIALS:
CASE, PPS, UL94V-0, BROWN
COVER, STAINLESS STEEL
ACTUATOR, SILICON RUBBER- WHITE/NATURAL
MOVING CONTACT, STAINLESS STEEL, PLATE-SILVER CLAD/NICKEL
FIXED CONTACT/TERMINAL, COPPER ALLOY, PLATE-SILVER/NICKEL

ELECTRICAL:
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION
INSULATION RESISTANCE, 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION
DIELECTRIC STRENGTH, 250 V AC FOR 1 MINUTE, PER EIA-364-20B, CONDITION 1, EACH POSITION.
CONTACT BOUNCE, 10 MILLISECOND MAX, PER EIA 448-1B, METHOD 15

MECHANICAL:
ACTUATION FORCE, SEE TABLE
ACTUATION TRAVEL, .015 +/--.005, .050 MAX. OVER TRAVEL
LIFE EXPECTANCY, SEE TABLE, VALUES GIVEN ARE MINIMUM, (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9
VIBRATION, PER EIA 364-28D, CONDITION VII, LEVEL E, DURATION 1.5 HOURS
MECHANICAL SHOCK, PER EIA-364-27C, CONDITION A

ENVIRONMENTAL:
OPERATING TEMPERATURE, -35 TO +85 DEGREES C
STORAGE TEMPERATURE, -35 TO +85 DEGREES C
HUMIDITY AND TEMPERATURE CYCLING PER EIA-364-31B, METHOD III
THERMAL SHOCK, PER EIA-364-32C, -35 TO +85 DEGREES C
SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE
RESISTANCE TO SOLDER HEAT, PER 109-201 COND B
NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS
SEALED PER EIA RS-448-2, METHOD 16, FLUXING- METHOD B, SOLDERING TIME- METHOD 3, CLEANING- METHOD 3, SOLUTION 4
SWITCH WILL PASS EXTENDED LIFE COMPRESSION TEST (SIMULATING 10 YEARS COMPRESSED AT MAX TRAVEL), REFERENCE TYCO 109-1098 SPECIFICATION.
1 SECOND MAX RELEASE AFTER TEST

- ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS):
- TAPE AND REEL PACKAGING PER EIA-481.

TAPE & REEL	5,000,000	160±50GF	1825107-1
PACKAGING	CYCLE LIFE	FORCE	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN RAGHAVENDRA 21MAY2008	Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: mm		CHK M.SERVER 21MAY2008				
		APVD M.SERVER 21MAY2008	NAME			
		PRODUCT SPEC	TACTICLE SWITCH 6X6 mm J-LEAD, SURFACE MOUNT W/SOFT ACTUATOR			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC	SIZE			
0 PLC ± -		—	CAGE CODE		DRAWING NO	
1 PLC ± -		—	A2		C=1825107	
2 PLC ± 0.30		—	00779		RESTRICTED TO	
3 PLC ± -		—	—		—	
4 PLC ± -		—	—		—	
ANGLES ± -		—	—		—	
FINISH		WEIGHT	—		—	
MATERIAL		CUSTOMER DRAWING	SCALE		SHEET	
SEE SPECIFICATIONS		—	6:1		1 OF 1	
					REV	
					A	

D

C

1825107

B

A