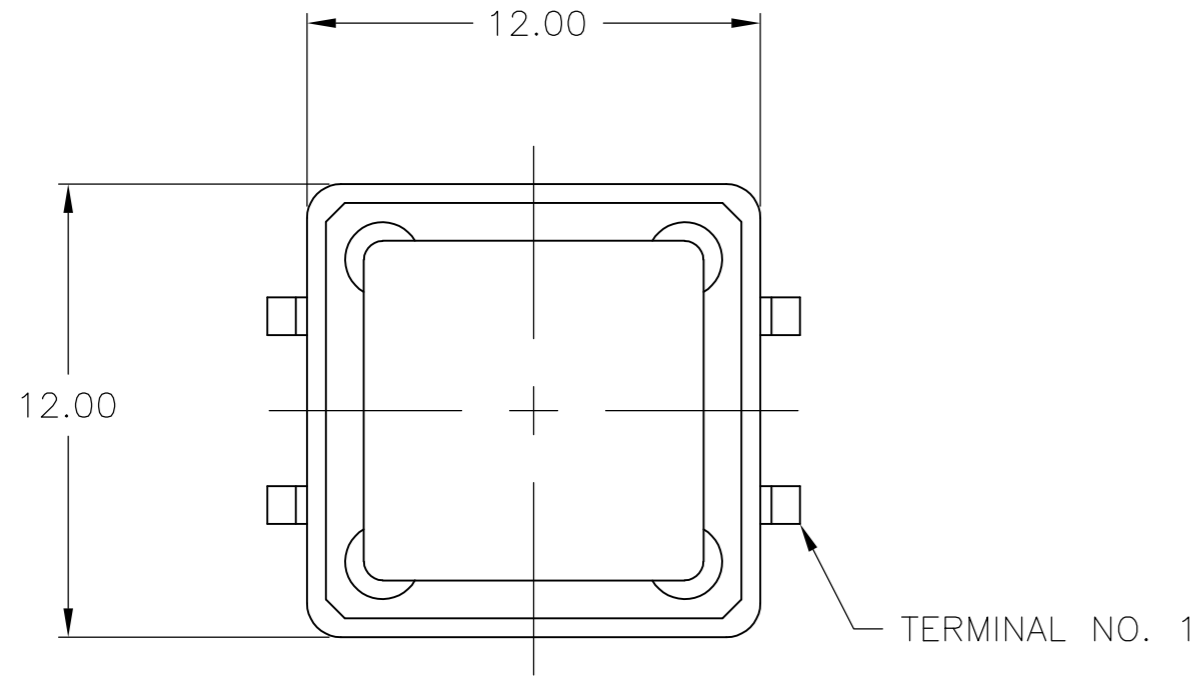
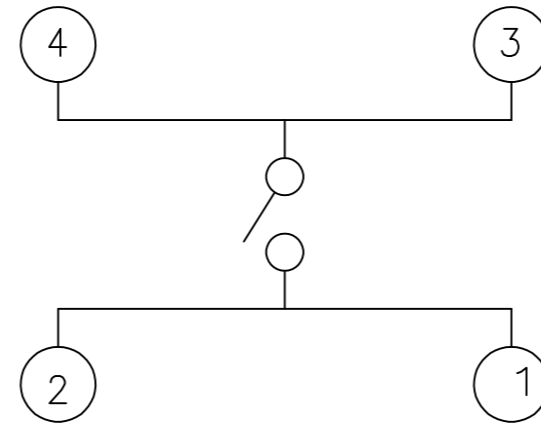


THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
B		ECO-07-00908	02JUL07	MB	MS		



CIRCUIT DIAGRAM



SPECIFICATIONS:

MATERIALS: (CUSTOMER)
 CASE, PBT, UL94HB, BLACK
 COVER, STEEL, PET FILM, WHITE
 ACTUATOR, ACETAL UL94HB, BLACK
 MOVING CONTACT, COPPER ALLOY, FINISH-SILVER
 FIXED CONTACT/TERMINAL, COPPER ALLOY, FINISH-SILVER/NICKEL
 CAP, ABS, RED

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC
 MIN CONTACT RATING: 10MICROAMPS@1V DC
 INITIAL CONTACT RESISTANCE, 100 MILLIOHMS MAX
 INSULATION RESISTANCE, 100 MEGOHM MIN.
 DIELECTRIC STRENGTH, 500 V AC FOR 1 MINUTE
 CONTACT BOUNCE, 10 MILLISECOND MAX

MECHANICAL:

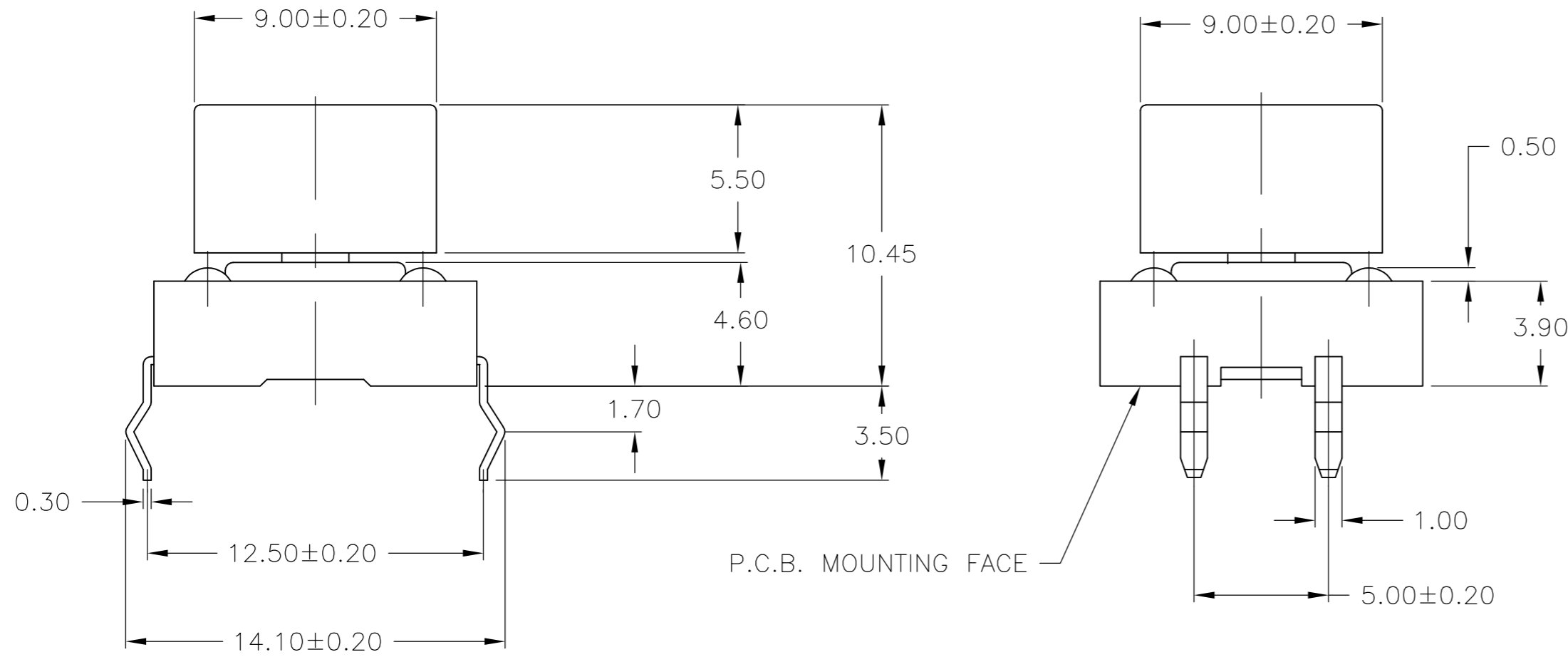
ACTUATION FORCE, 160 +/-50 GRAMS
 ACTUATION TRAVEL, 0.30 +/-0.15
 LIFE EXPECTANCY, 100,000 CYCLES MIN

ENVIRONMENTAL:

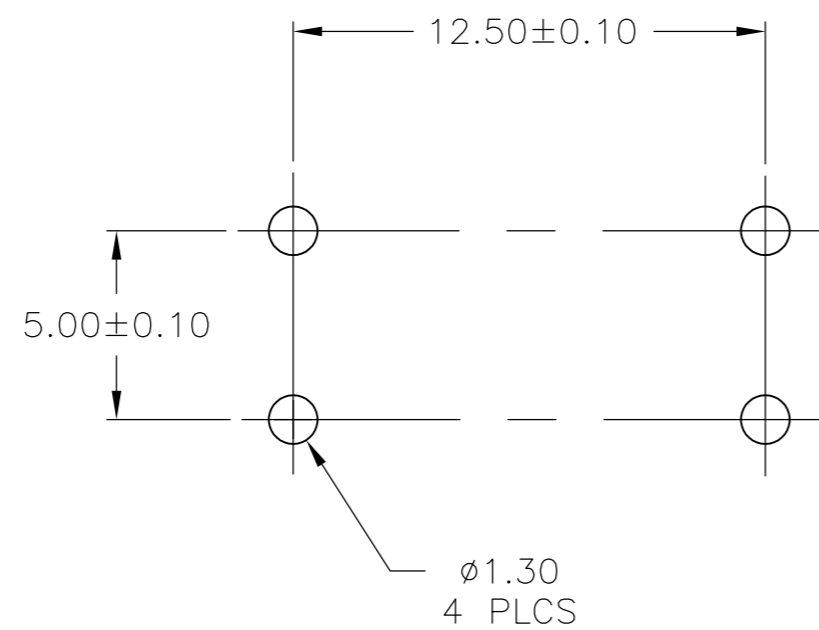
OPERATING TEMPERATURE, -35 TO +85 DEGREES C
 STORAGE TEMPERATURE, -35 TO +85 DEGREES C
 SOLDERABILITY, PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 245 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE
 RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION A, NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS

NOTES:

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



P.C.B. MOUNTING HOLE LAYOUT



FSM103W/C	1825208-1
T&B P/N	Tyco P/N

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	M.BINNER	12OCT2005	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm		CHK	M.SARVER	12OCT05	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M.SARVER	12OCT05	
0 PLC ± - 1 PLC ± - 2 PLC ± 0.30 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH -		NAME	PUSHBUTTON SWITCH, 12MM, WITH CAP		
MATERIAL -		PRODUCT SPEC	-		RESTRICTED TO
		APPLICATION SPEC	-		
		WEIGHT	-		
		SCALE	A2 00779 C=1825208		
		CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 1 REV B		