

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	OWN	APVD
AD	00		D3	ECO-07-000908	02JUL07	MB	MS

SPECIFICATIONS

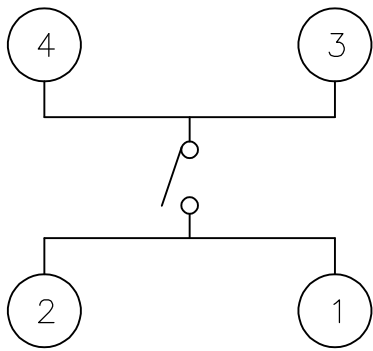
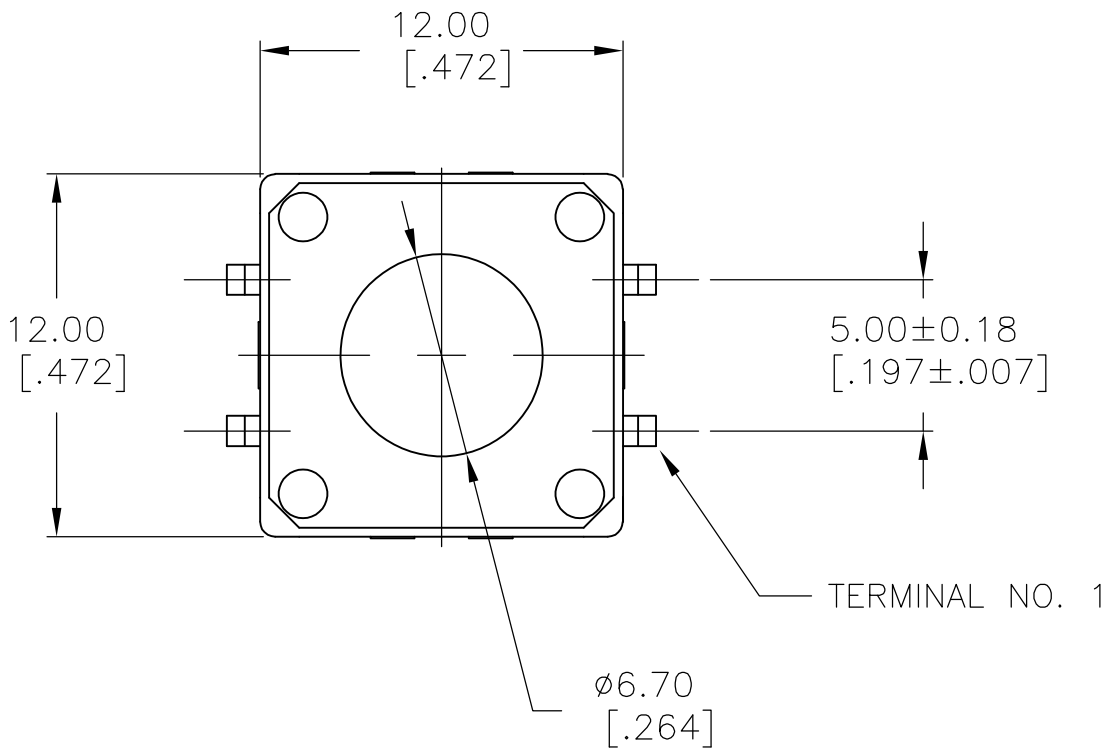
MATERIALS
CASE: POLYESTER, BLACK
COVER: POLYESTER
ACTUATOR BUTTON: ACETAL, COLOR-SEE TABLE
MOVING CONTACT: COPPER ALLOY, SILVER CLAD
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER PLATED

ELECTRICAL
MAX CONTACT RATING: 50MILLIAMPS@24V DC
MIN CONTACT RATING: 10MICROAMPS@1V DC
CONTACT RESISTANCE: 100 MILLIOHMS MAX
INSULATION RESITANCE: 100 MEGOHMS MIN @ 100VDC
DIELECTRIC STRENGTH: 500 VAC 50/60 Hz FOR 1 MINUTE
LIFE EXPECTANCY: 100,000 CYCLES MIN.

MECHANICAL
ACTUATOR OPERATING FORCE: SEE TABLE
ACTUATOR TRAVEL: 0.30[.012] APPROX.

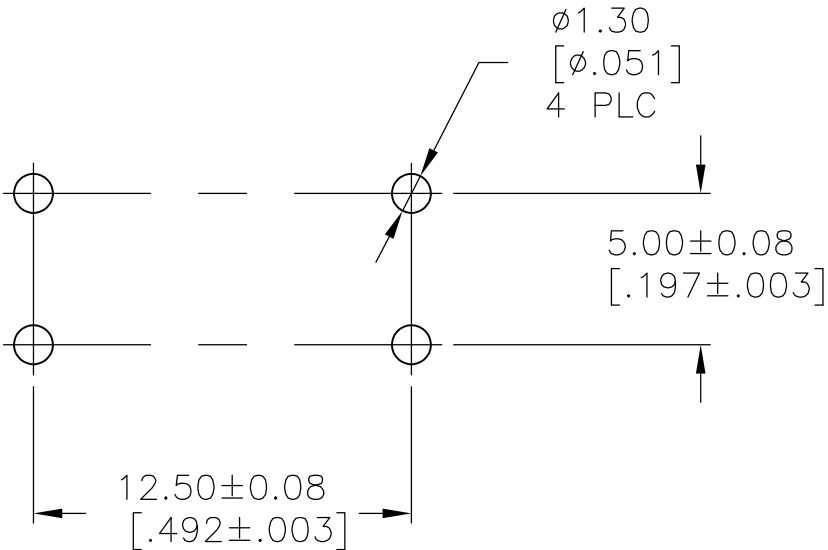
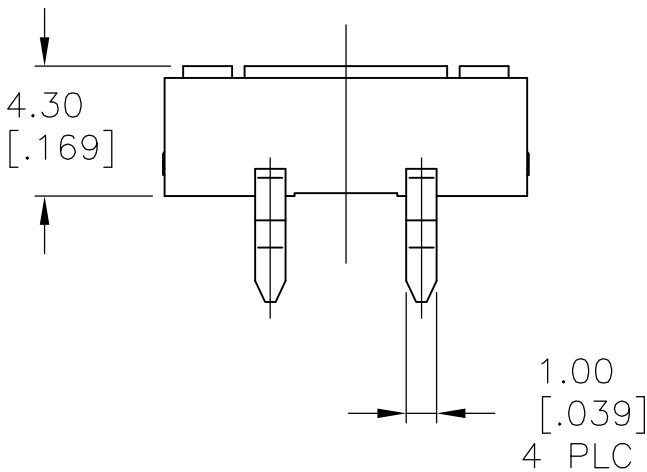
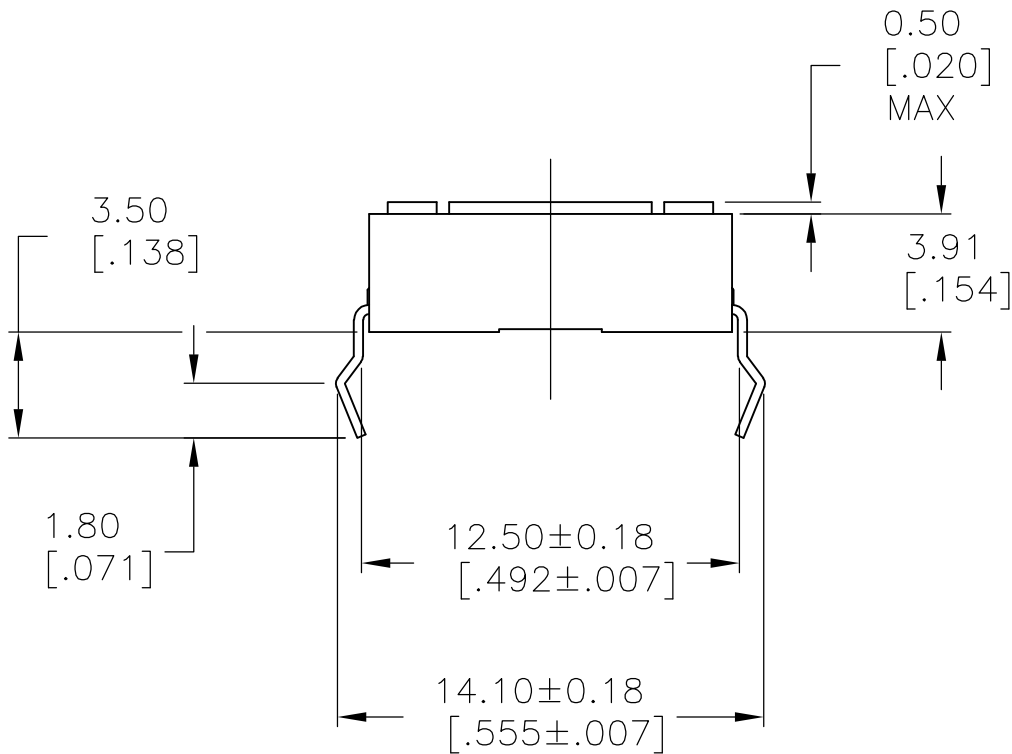
ENVIRONMENTAL
OPERATING TEMPERATURE: -35°C to +85°C
STORAGE TEMPERATURE: -35°C to +85°C
RESISTANCE TO SOLDER HEAT PER 109-202, COND B-265°
FOR 10 SECONDS

SOLDERABILITY:
SPECIFICATION EIA-364-52, CLASS 1, CATEGORY 2



CIRCUIT DIAGRAM

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



PC BOARD LAYOUT

BLACK	160±30GF	FSM100	1437565-2
RED	260±50GF	FSM100A	1571139-1
ACTUATOR COLOR	OPERATING FORCE	T&B PART NUMBER	TYCO PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN 03APR02	Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
DIMENSIONS: mm [INCHES]		CHK H WYNKOOP 03APR02				
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME SWITCH, FSM100 PUSHBUTTON			
	0 PLC ± - 1 PLC ± - 2 PLC ± 0.30[.012] 3 PLC ± - 4 PLC ± - ANGLES ± -		APVD H WYNKOOP 03APR02			
	FINISH -		PRODUCT SPEC -			
MATERIAL -		APPLICATION SPEC -		WEIGHT -		SIZE A2
		CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 1	REV D3