

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	00		D6	REVISED PER ECO-11-011705	07JUN11	HMR	MW

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

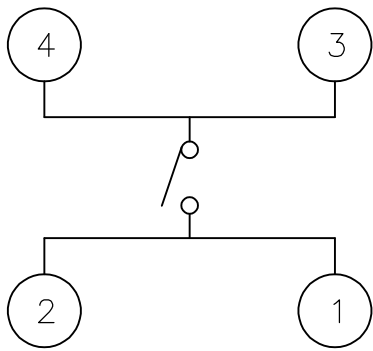
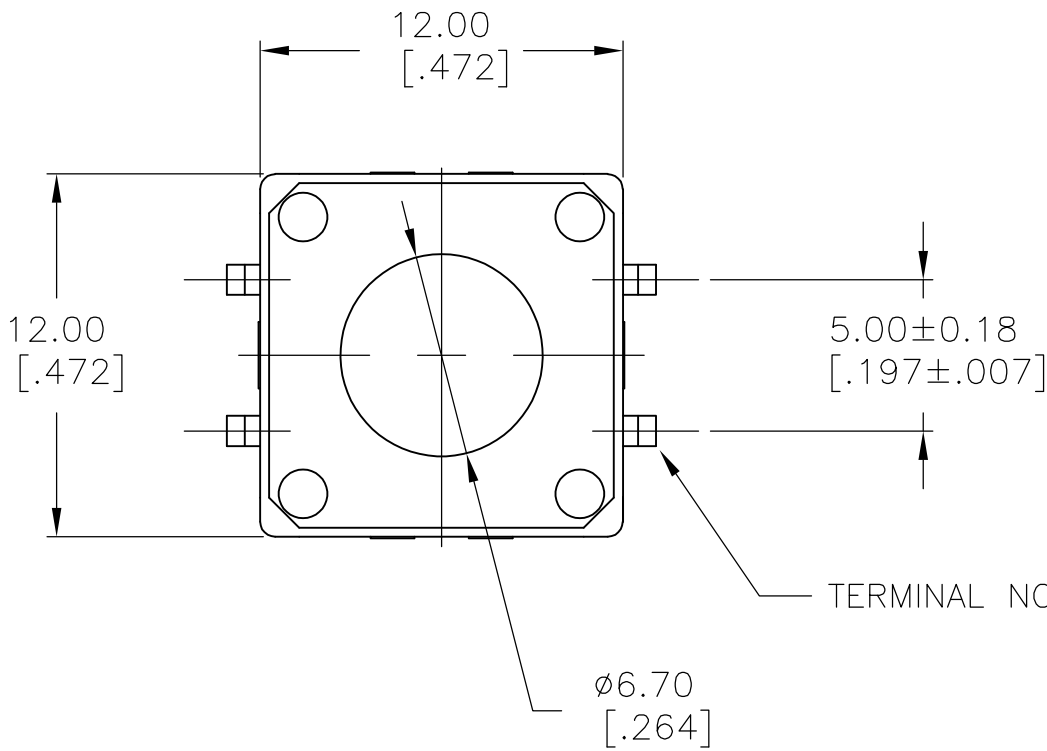
ACTUATOR OPERATING FORCE: SEE TABLE
ACTUATOR TRAVEL: 0.30[.012] APPROX.

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

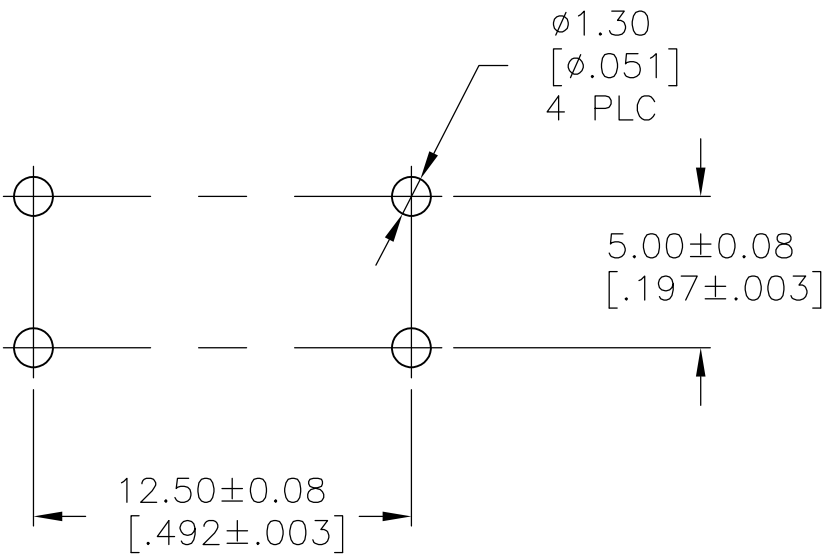
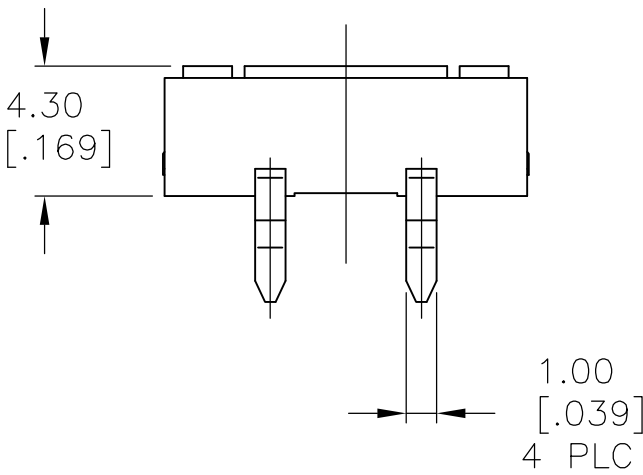
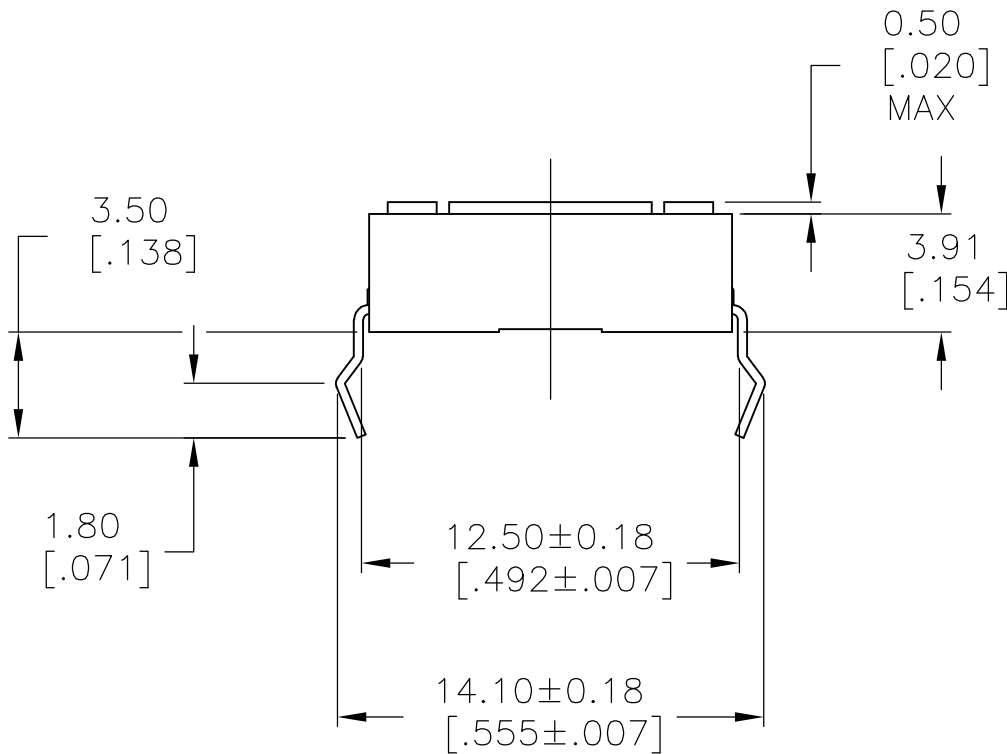
SOLDERABILITY:

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	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN		03APR02		 TE Connectivity			
		CHK H WYNKOOP		03APR02					
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD H WYNKOOP		03APR02		NAME SWITCH, FSM100 PUSHBUTTON	
		0 PLC ± -		PRODUCT SPEC					
		1 PLC ± -		—					
		2 PLC ± 0.30[.012]		APPLICATION SPEC					
		3 PLC ± -		—					
		4 PLC ± -							
		ANGLES ± -							
MATERIAL —		FINISH —		WEIGHT —		SIZE A2		CAGE CODE 00779	
						DRAWING NO C=1437565-2		RESTRICTED TO —	
				CUSTOMER DRAWING		SCALE 4:1		SHEET 1 of 1	
								REV D6	

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[FSM100](#)