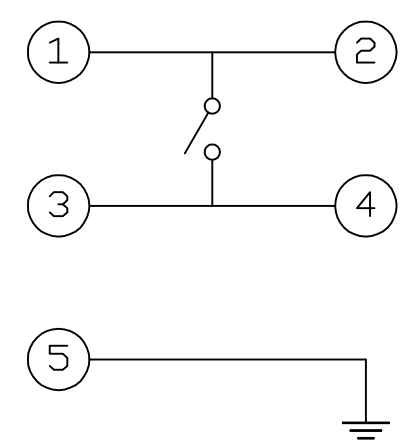
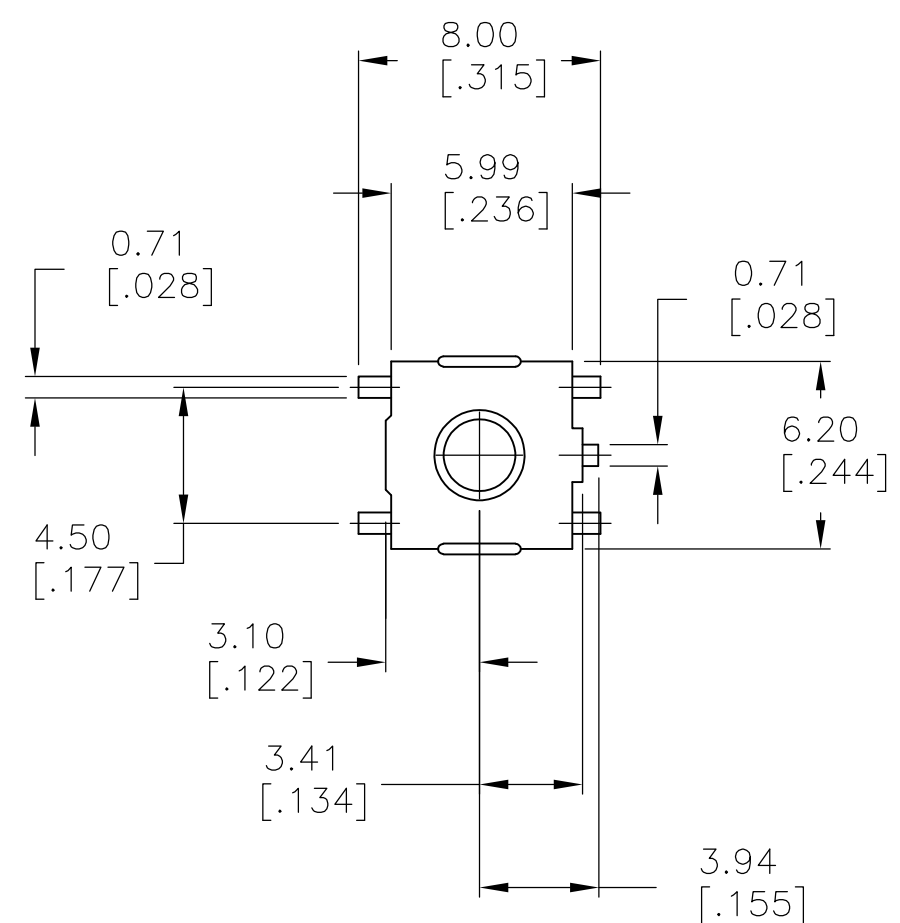


D

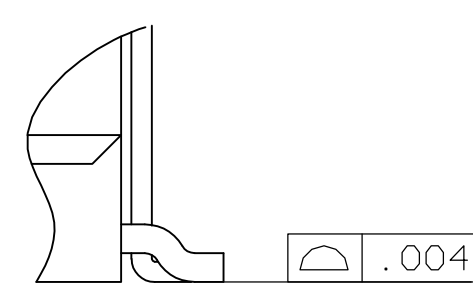
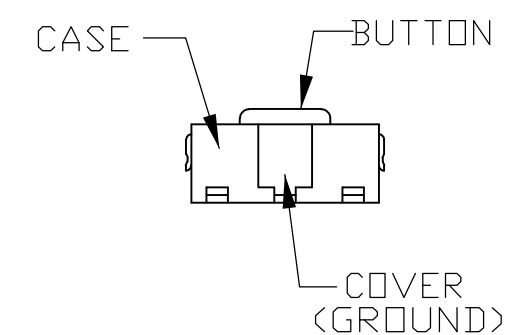
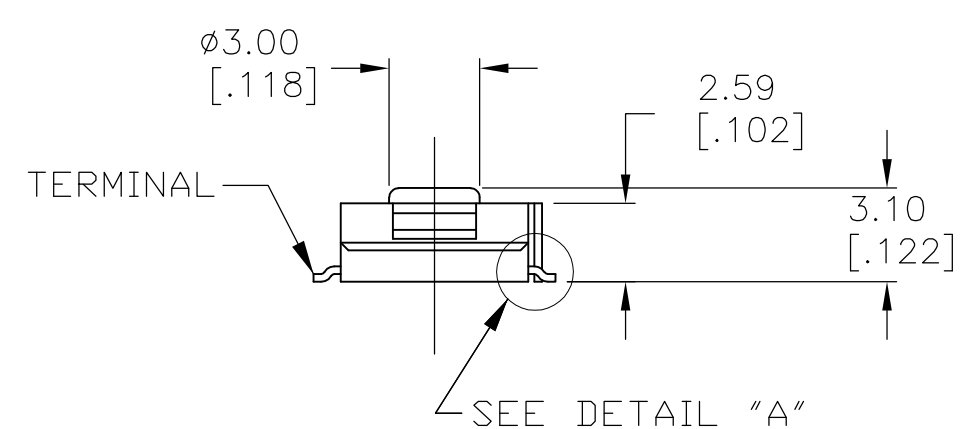
C

B

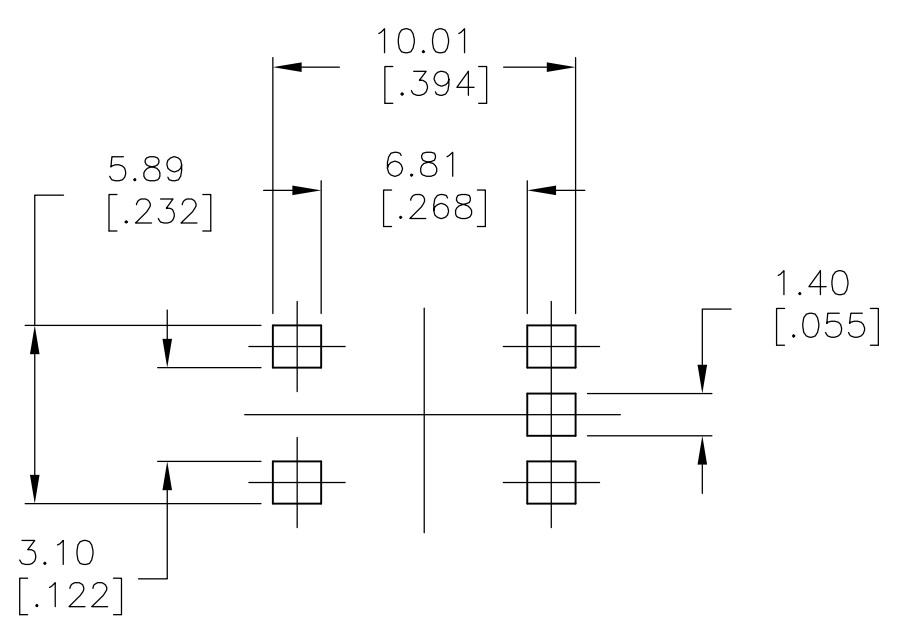
A



CIRCUIT DIAGRAM



DETAIL "A"
SCALE 15:1



P.C.B. FOOTPRINT

SPECIFICATIONS:

CASE: PPS, 94V0, BLACK.
COVER: COPPER ALLOY-TIN PLATE.
ACTUATOR BUTTON: SEE TABLE, COLOR: SEE TABLE.
MOVING CONTACT: COPPER ALLOY, SILVER FINISH.
FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER FINISH.

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

MECHANICAL:
ACTUATION FORCE: SEE CHART.
ACTUATION TRAVEL: 0.25 +0.20/-0.10 [.010 +0.008/-0.004]

ENVIRONMENTAL:
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDER HEAT RESISTANCE PER 109-201, COND B.

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

NOTES:

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

PART NUMBER	PART NUMBER	ACTUATOR MATERIAL	ACTUATOR BUTTON COLOR	ACTUATION FORCE	PACKAGING
1-1437565-6	FSM1LP	PPA UL94HB	BLACK	160 ±50 gm.	BULK
1-1437565-9	FSM1LPTR	PPA UL94HB	BLACK	160 ±50 gm.	TAPE & REEL
1-1437565-7	FSM1LPA	PPS UL94V-0	BROWN	260 ±50 gm.	BULK
1-1437565-8	FSM1LPATR	PPS UL94V-0	BROWN	260 ±50 gm.	TAPE & REEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	13MAR2007		TE Connectivity		
		CHK	20MAR2007				
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME			
mm [INCHES]		APVD					
		M.SARVER					
		20MAR2007					
		PRODUCT SPEC					
		—					
		APPLICATION SPEC		TACTILE SWITCH FSM1LP			
		—					
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
—		—		A2	00779	C=1-1437565-8	—
CUSTOMER DRAWING				SCALE	4:1		SHEET
						1 of 1	REV
							D2