

4

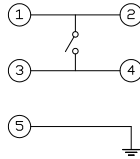
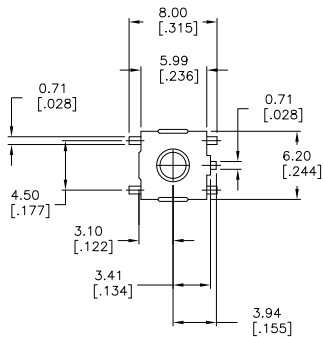
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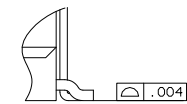
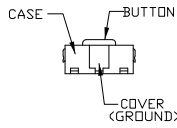
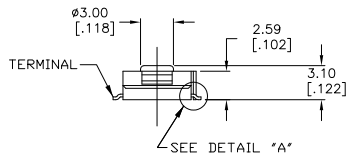
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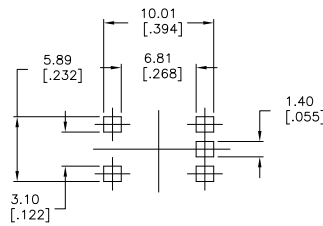
LOC	DIST	REVISIONS		
F	LNK	DESCRIPTION	DATE	BY
AD	00			
	D2	REVISED PER ECO-11-004587	11MAR11	RK HMR



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 [0.010 +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:

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

PART NUMBER	PART NUMBER	ACTUATOR MATERIAL	ACTUATOR BUTTON COLOR	ACTUATION FORCE	PACKAGING
1-1437565-6	F5M1LP	PPA UL94HB	BLACK	160 ±50 gm.	BULK
1-1437565-9	F5M1LPTR	PPA UL94HB	BLACK	160 ±50 gm.	TAPE & REEL
1-1437565-7	F5M1LPA	PPS UL94V-0	BRODWN	260 ±50 gm.	BULK
1-1437565-8	F5M1LPATR	PPS UL94V-0	BRODWN	260 ±50 gm.	TAPE & REEL

THIS DRAWING IS A CONTROLLED DOCUMENT.		DATE	13MAR2007	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK	M. SARVER 20MAR2007	TACTILE SWITCH	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APP'D	M. SARVER	FSM1LP	
0 PLG	± .005	PRODUCT SPEC		APPLICATION SPEC	SIZE CASE CODE DRAWING NO
1 PLG	± .005			WEIGHT	A2 00779 ©=1-1437565-8
2 PLG	± .005			CUSTOMER DRAWING	RESTRICTED TO
3 PLG	± .005				
4 PLG	± .005				
ANGLES	± .005				
MATERIAL FINISH				SCALE	4:1 SHEET 1 of 1 REV D2