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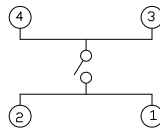
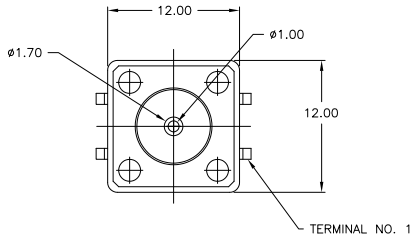
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LOC	DIST	REVISIONS		
F	LNK	DESCRIPTION	DATE	BY
AD	00			
	F2	REVISED PER ECO-11-004587	11MAR11	RK HMR



CIRCUIT DIAGRAM

SPECIFICATIONS:

MATERIALS

CASE: THERMOPLASTIC, UL94-HB, BLACK  
 COVER: THERMOPLASTIC  
 ACTUATOR: THERMOPLASTIC, UL94-HB, COLOR: SEE TABLE  
 MOVING CONTACT: COPPER ALLOY, SILVER CLAD  
 FIXED CONTACT: COPPER ALLOY, SILVER PLATED

ELECTRICAL

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

MECHANICAL

ACTUATION FORCE: DIM "A"  
 ACTUATION TRAVEL: 0.30±0.15

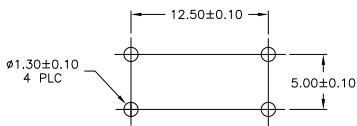
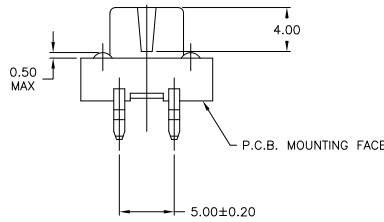
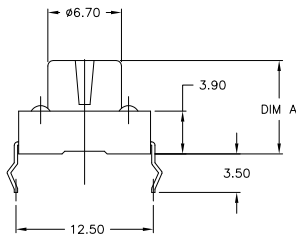
ENVIRONMENTAL

OPERATING TEMPERATURE: -35°C TO +85°C, 45% TO 85% RH  
 STORAGE TEMPERATURE: -35°C TO +85°C  
 RESISTANCE TO SOLDER HEAT PER 109-202, CONDITION B

SOLDERABILITY:

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

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



P.C.B. MOUNTING HOLE DIMENSION

	BLACK	7.50	160+/-50g	FSM101	1437565-3
OBSOLETE	RED	8.50	260+/-50g	FSM201A	1571140-1
	Actuator Color	Dim "A"	Actuation Force	T&B P/N	P/N

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPROVED:		TE Connectivity	
mm		0	PLC	+	-	DESIGNED BY	R. BROWN
		1	PLC	±	0	CHECKED BY	H. WYTHKOOP
		2	PLC	±	0.30	DESIGNED BY	H. WYTHKOOP
		3	PLC	±	0	APPROVED BY	H. WYTHKOOP
		4	PLC	±	0	PRODUCT SPEC	
			ANGLES	±	0	APPLICATION SPEC	
						WEIGHT	
						SIZE	A2
						QAGE CODE	00779
						DRAWING NO	1571140
						RESTRICTED TO	
						CUSTOMER DRAWING	
						SCALE	4:1
						SHEET	1 of 1
						REV	F2