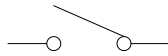
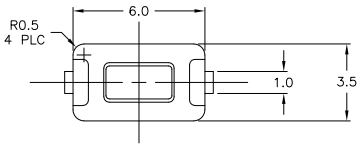
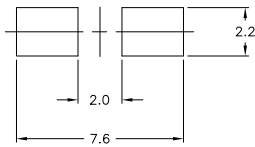
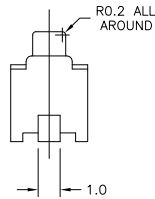
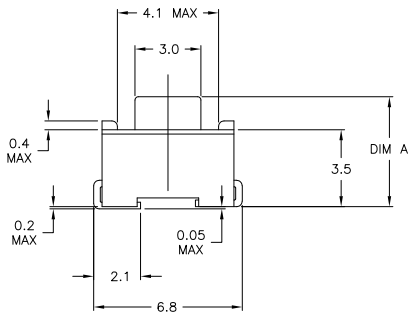


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LOC	DIST	REVISIONS			
F	LNK	DESCRIPTION	DATE	BY	APPD
K1		ECO-07-009623	02AUG07	MB	MS
K2		REVISED PER ECO-09-020935	07SEP09	KK	AEQ



CIRCUIT DIAGRAM



SOLDER LAND DIMENSION

MATERIALS:

CASE: PPS, 30% GLASS, UL94V-0, COLOR-SEE TABLE
 COVER: STAINLESS STEEL
 ACTUATOR: SEE TABLE
 MOVING CONTACT: STAINLESS STEEL, SILVER PLATE
 FIXED CONTACT/TERMINAL: COPPER ALLOY, SILVER OR TIN OVER NICKEL

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC
 MIN CONTACT RATING: 10MICROAMPS@1V DC
 INITIAL CONTACT RESISTANCE: 100 MILLIOHMS MAX
 INSULATION RESISTANCE: 100 MEGAOHMS @ 100 VDC MIN
 DIELECTRIC STRENGTH: 500 VDC 50/60 HZ FOR 1 MINUTE
 LIFE EXPECTANCY: UP TO 40,000 CYCLES

MECHANICAL:

ACTION FORCE: 180±50gf
 ACTION TRAVEL: 0.25 +0.2/-0.1

ENVIRONMENTAL:

OPERATING TEMPERATURE: -35°C TO +85°C
 STORAGE TEMPERATURE: -35°C TO +85°C
 SOLDERABILITY: PER EIA-364-52, CLASS 1, CATEGORY 2
 SOLDER HEAT RESISTANCE: PER 109-201, CONDITION B

PACKAGING:

TAPE AND REEL PACKAGING PER EIA 481, 2000 PER REEL
 TAPE WIDTH 16mm PITCH 8mm

- ⚠ PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- ⚠ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

⚠	OBSOLETE	Tin	4.3	FSM1JMSN TR	147873-5
⚠	OBSOLETE	Tin	5.0	FSM2JMSN TR	147873-4
		Silver	4.3	FSM1JMTR	147873-2
		Silver	5.0	FSM2JMTR	147873-1
		Finish	DIM A	Alcoswitch P/N	Part Number

DIMENSIONS		TOLERANCES UNLESS OTHERWISE SPECIFIED		APPROVALS		TYCO ELECTRONICS CORPORATION	
mm		0 PLC	±	DR R. BROWN	030CT01	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
		1 PLC	± 0.3	CHK H. WYTHKOOOP	030CT2001	SWITCH, TACTILE, SMT	
		2 PLC	±	APPD H. WYTHKOOOP	030CT2001	SIZE CASE CODE DRAWING NO	
		3 PLC	±	PRODUCT SPEC		A2 00779 C=147873	
		4 PLC	±	APPLICATION SPEC		RESTRICTED TO	
		ANGLES	± 0-30	WEIGHT		CUSTOMER DRAWING	
		FINISH				SCALE 8:1 SHEET 1 OF 1 REV K2	