

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
AD	00		K3	REVISED PER ECO-11-024681	15MAR12	KH PO

MATERIALS:

CASE: PPS, 30% GLASS, UL94V-O, COLOR-BROWN
COVER: STAINLESS STEEL
ACTUATOR: PPS COLOR: BLACK
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 RESITANCE: 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:

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

ENVIROMENTAL:

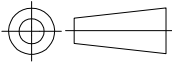
OPERATING TEMPERATURE: -35°C TO +85°C
STORAGE TEMPERATURE: -35°C TO +85°C
SOLDERABILITY: PER EIA-364-52, CLASS 1, CATEGORY 2
SOLDER HEAT RESISTANCE: PER 109-201, CONDITION B

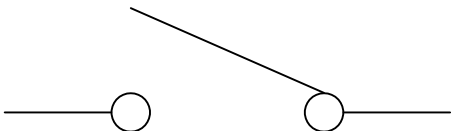
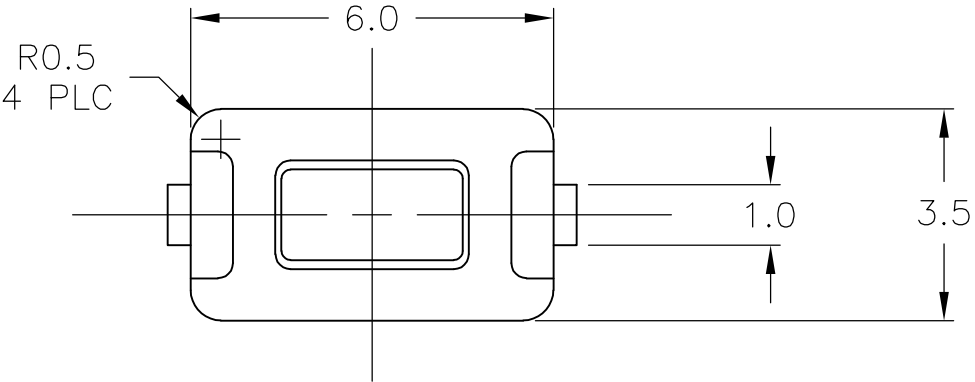
PACKAGING:

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

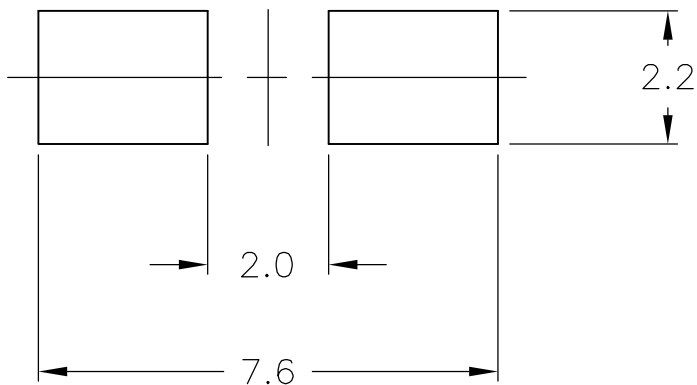
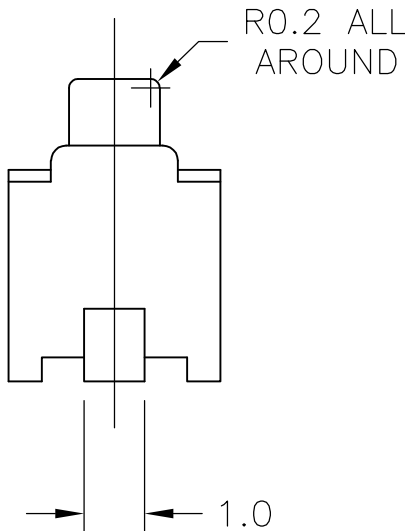
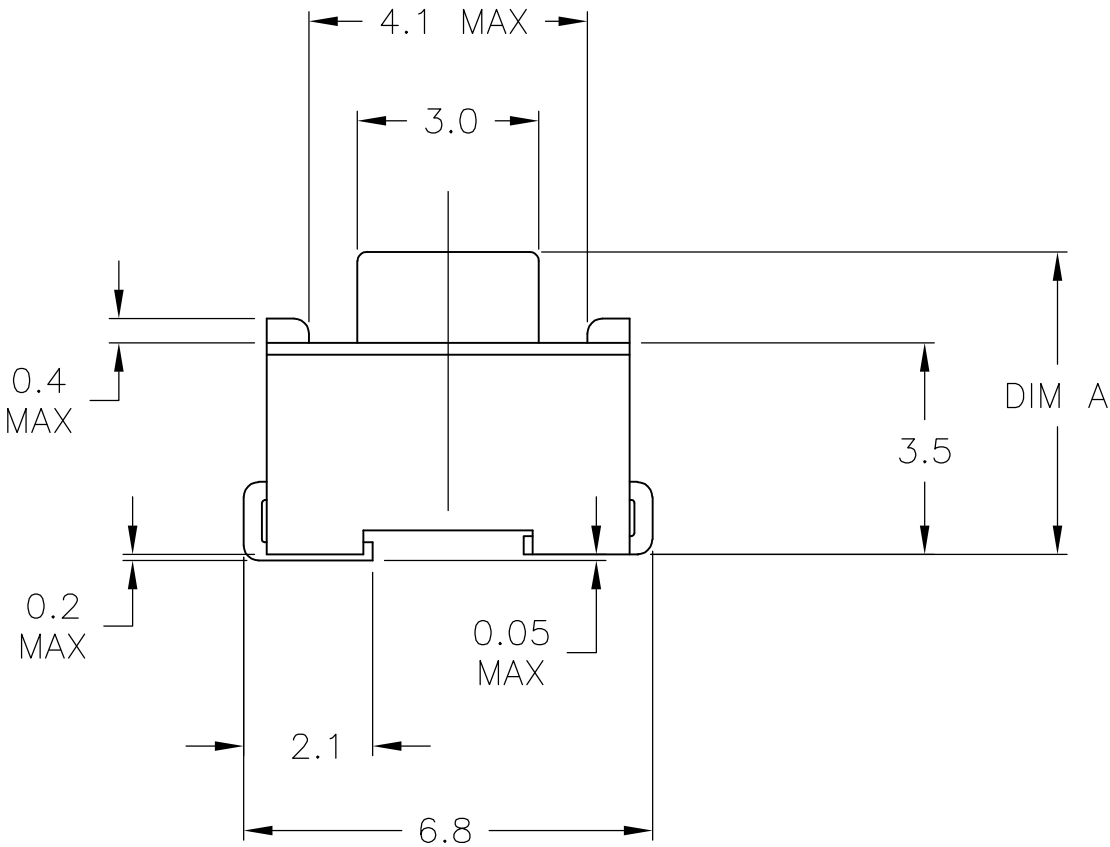
- 1 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
2. ALL MATERIALS AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)
- 3 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

3	OBSOLETE	Tin	4.3	FSM1JMSN TR	147873-5
3	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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN	03OCT01	 TE Connectivity		
DIMENSIONS: mm		CHK H WYNKOOP	03OCT2001	NAME SWITCH, TACTILE, SMT		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A2		
		0 PLC ± - 1 PLC ± 0.3 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± 0°-30°		CAGE CODE 00779		
MATERIAL SEE NOTES		FINISH SEE NOTES		DRAWING NO 147873		RESTRICTED TO -
				SCALE 8:1		SHEET 1 of 1
				CUSTOMER DRAWING		REV K3



CIRCUIT DIAGRAM



SOLDER LAND DIMENSION