



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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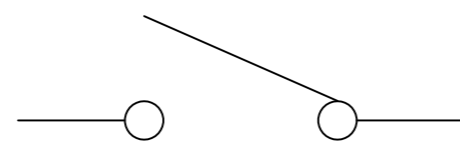
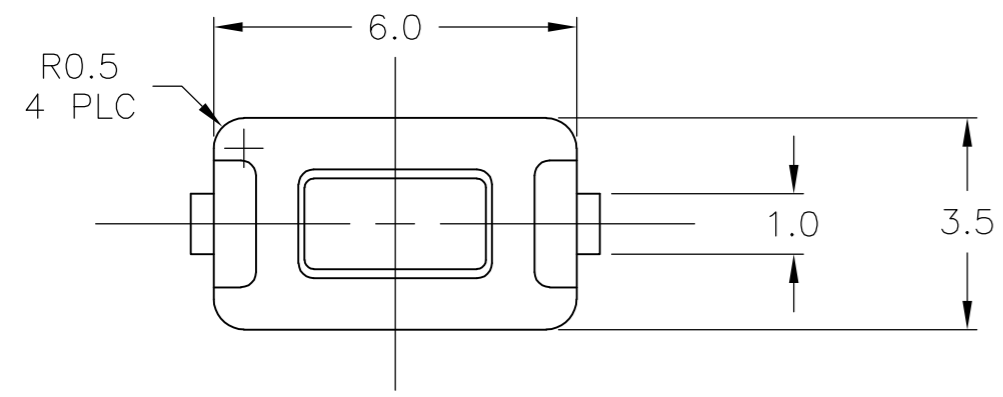
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



CIRCUIT DIAGRAM

MATERIALS:

CASE: PPS, 30% GLASS, UL94V-0, 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

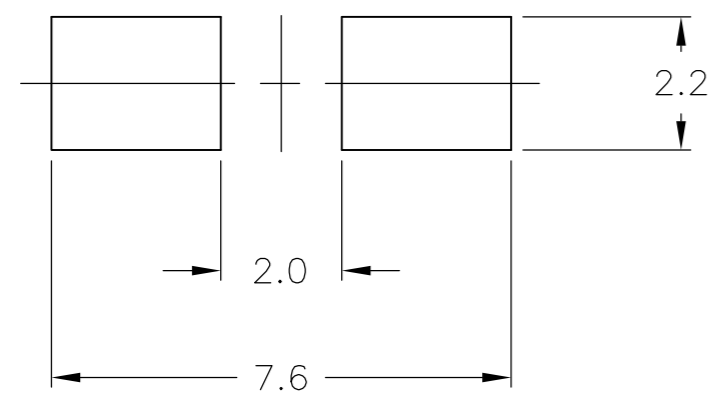
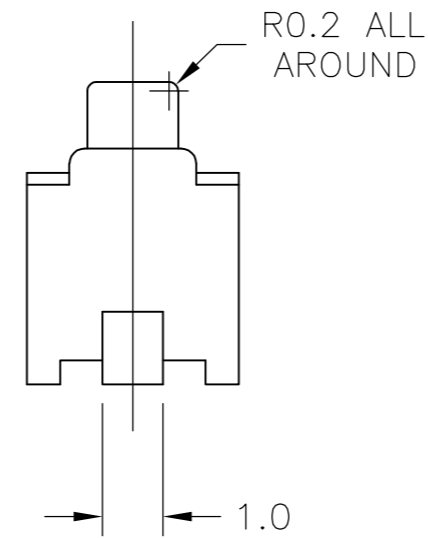
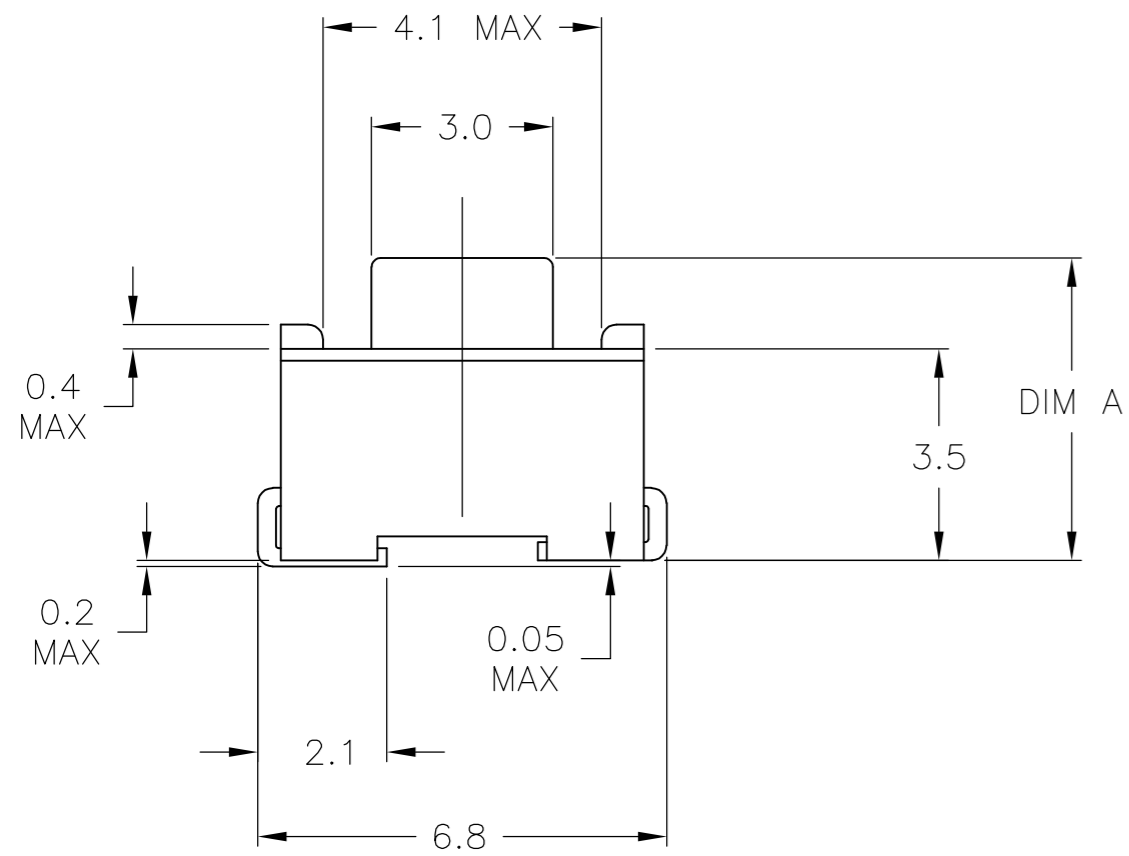
ENVIROMENTAL:

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



SOLDER LAND DIMENSION

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			
DIMENSIONS: mm		CHK H WYNKOOP 03OCT2001			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD H WYNKOOP 03OCT2001	NAME SWITCH, TACTILE, SMT		
0 PLC ± -		PRODUCT SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED TO		
1 PLC ± 0.3		APPLICATION SPEC	A2 00779 C=147873		
2 PLC ± -		FINISH	SCALE 8:1 SHEET 1 of 1 REV K3		
3 PLC ± -		WEIGHT -			
4 PLC ± -		CUSTOMER DRAWING			
ANGLES ± 0°-30°					
SEE NOTES					