



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

Loc		DIST		REVISIONS			
P	LTR	DESCRIPTION		DATE	DWN	APVD	
	C1	REVISED PER ECO-14-018779		16DEC2014	NK	RH	

0.80

6.90  
5.99  
0.30 MAX  
0.35  
0.70  
0.410  
0.80  
1.90  
3.50  
0.30 2 PLC  
0.70 2 PLC  
4.50  
7.00  
8.40  
0.40

3.20  
CASE  
FRAME  
4.00  
0.40 MAX  
FIXED CONTACT  
0.30  
1.00  
2.50  
DIM L  
4.00

4.50  
2 PLC  
2.50  
7.00  
1.00 ± 0.10  
1.30 ± 0.10  
2 PLC

RECOMMENDED BOARD LAYOUT

SPECIFICATIONS:

MATERIALS

CASE- PPS, UL94V-0, BLACK  
 ACTUATOR- NYLON 46, UL94V-0, BLACK  
 FRAME- STEEL, TIN PLATE  
 SEAL- SILICON RUBBER, BLACK  
 CONTACT- STAINLESS STEEL, PLATING-SILVER/NICKEL  
 TERMINAL- BRASS, PLATING-SILVER/NICKEL

ELECTRICAL:

MAX CONTACT RATING: 50MILLIAMPS@24V DC  
 MIN CONTACT RATING: 10MICROAMPS@1V DC  
 INITIAL CONTACT RESISTANCE- 100 MILLIOHMS MAX, PER EIA-364-23B, EACH POSITION  
 INSULATION RESISTANCE- 100 MEGOHM MIN. PER EIA-364-21C EACH POSITION  
 DIELECTRIC STRENGTH- 500 VAC

MECHANICAL:

ACTUATION FORCE- SEE TABLE  
 ACTUATION TRAVEL- .35 +/- .2 mm  
 LIFE EXPECTANCY- 1,000,000 CYCLES MIN (2 CYCLES PER SECOND AND 150% ACTUATION FORCE), PER EIA-448 METHODS 8 AND 9  
 VIBRATION- PER EIA 364-28D, CONDITION VII, LEVEL E  
 MECHANICAL SHOCK- PER EIA-364-27C, CONDITION A

ENVIRONMENTAL:

OPERATING TEMPERATURE- -35 TO +85 DEGREES C  
 STORAGE TEMPERATURE- -35 TO +85 DEGREES C  
 HUMIDITY AND TEMPERATURE CYCLING- PER EIA-364-31B, METHOD III  
 THERMAL SHOCK- PER EIA-364-32C, -35 TO +85 DEGREES C  
 SOLDERABILITY- PER EIA-364-52, CLASS 2, CATEGORY 1, TEMP, 260 DEGREES C MAX, TIME, 2.5 SECONDS MAX, 95% MINIMUM COVERAGE  
 RESISTANCE TO SOLDER HEAT- PER 109-202, CONDITION B  
 1. NO CHANGE IN INITIAL ELECTRICAL AND MECHANICAL CHARACTERISTICS  
 SEALING PER IP67 - CONTACT RESISTANCE 100 MILLIOHMS MAX

1 ALL MATERIAL AND FINISHES SHALL COMPLY WITH EU DIRECTIVE 2002/95/EC OF 27JAN2003 (ROHS)

BULK	160±50gf	2.35	3.85	1571610-2
BULK	160±50gf	2.35	6.85	1571610-1
PACKAGING	OPERATING FORCE	I	L	TE PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	R BROWN	19JUN03
DIMENSIONS: mm		CHK	M SARVER	19JUN03
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	M SARVER	19JUN03
0 PLC	± -	NAME		
1 PLC	± -	SWITCH ASSEMBLY, TACTILE, RIGHT ANGLE, SEALED		
2 PLC	± 0.30	SIZE	A2	CAGE CODE
3 PLC	± -	DRAWING NO	00779	RESTRICTED TO
4 PLC	± -	SCALE	8:1	SHEET
ANGLES	± -	SCALE	8:1	SHEET
FINISH	-	SCALE	8:1	SHEET
MATERIAL		WEIGHT	-	REV
CUSTOMER DRAWING		SCALE	8:1	REV

1471-9 (3/11)

1571610

B

A