

SPECIFICATION FOR APPROVAL

Customer :

Description : Keyboard Switch Date : 2007.10.25

Model No. : AK-LEN

Customer Model No. :

Drawing No.:

Approval No. :

Edition No.: A/0

Date of Approval	/ / /
Authorization Signature	

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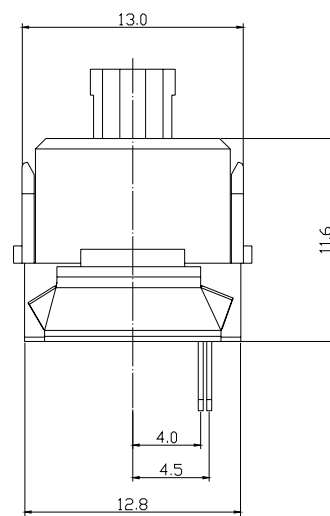
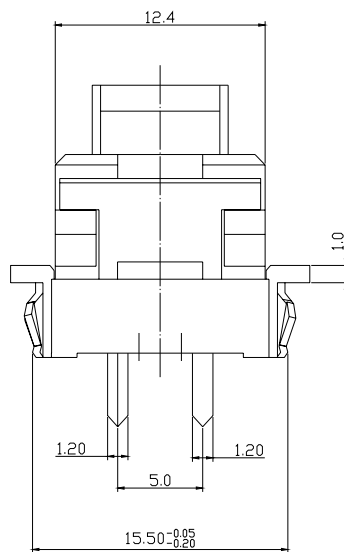
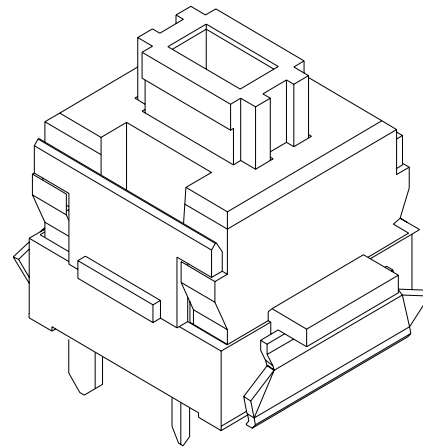
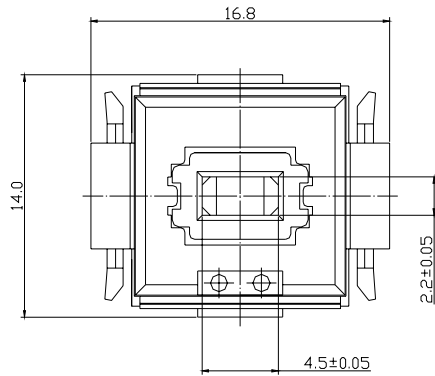
STANDARD SPECIFICATION

AK-LEN Type

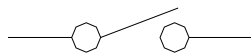
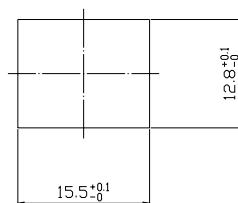
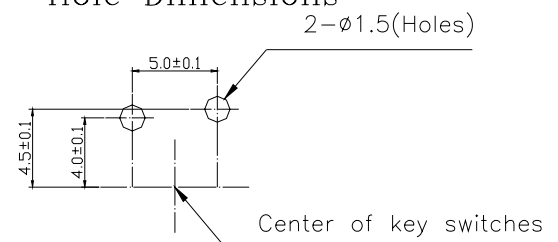
Date : 2007.10.25

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A. General:					
1.Scope		Keyboard Switch (LED Hole Type NO Click)			
2. Operating temperature		—25℃～+60℃			
3.Storage temperature		—30℃～+70℃			
4. Ambient humidity		85%RH Max.			
B. Contact arrangement		S. P. S. T			
C. Rating		10mA 12VDC			
D. Performance:					
1.Electrical:					
a.Contact resistance		1 Ω Max(Initial)			
b.Insulation resistance		500MΩ Min (Between adjacent contact)			
c.Dielectric withstanding voltage		100VAC50/60Hz for 1 minute.			
d.Bounce		5m sec.Max			
2.Mechanical:					
a.Operating force		60±15gf			
b. Operating Travel		1.5±0.5 mm			
c. Total Travel		3.5±0.5 mm			
d.Operating speed		0.1mm~1 m/s			
e.Operating frequency		Less than 120 Operations/Minute			
f.Type of Actuation		Momentary			
E. Endurance:					
1.Operating life		10,000,000 Cycles Min			
2.Vibration restance:		10HZ~55HZ~10HZ 0.5mm			
Malfunction durability		Double amplitude during 2 hours			
3.Impact shock resistance		Mechanical approx . 80G			
4.Soldering and cleaning process		Fluxing with organic flux			
a.Preheating		100℃ Max			
b.Preheat Time		45 Sec.Max			
c.Soldering Temperature		255℃ Max.			
d.Duration Of Solder Immersion		5 Sec Max.			
e.Allowable Frequency Soldering Process		2Time Max.			
F. Weight :		About 1.8g			
Approve by	<i>Abo Chen</i>	Check by	<i>Y H Chen</i>	Producer by	<i>Y T Zhang</i>



Circuit Diagram

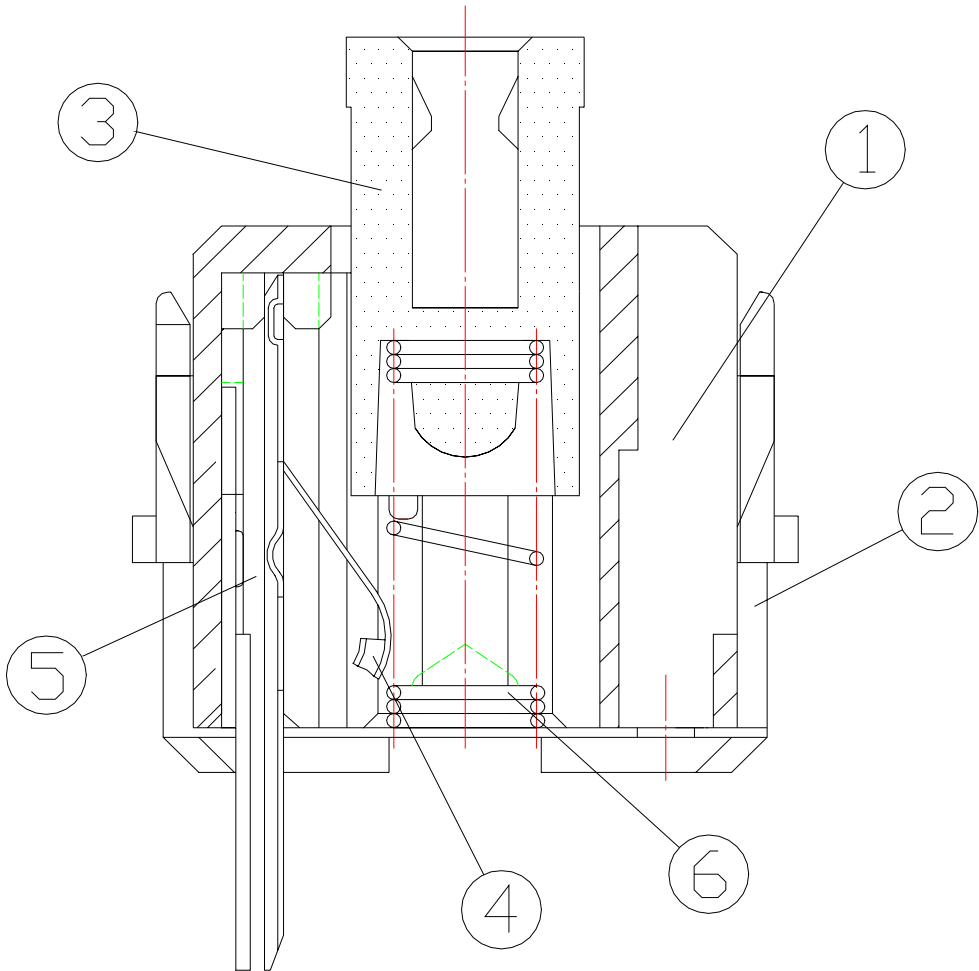
Mounting Panel
Hole DimensionsP.C.B Mounting
Hole Dimensions

*Notes:

1.General dimension tolerance:±0.3.

2.The mouting panel to be 1.0 mm to 1.2 mm in thickness.

Type Item	Description Of Good	Operating Life	Stem Color
AK-LEN	LED Hole Type (No Click)	10,000,000	Green



NO.	TITLE	MATERIAL
1	Housing	ABS
2	Cover	POM
3	Stem	POM
4	Movable Blade	PBS
5	Terminal	Brass Copper
6	Spring	SUS304

Packing

AK-LEN

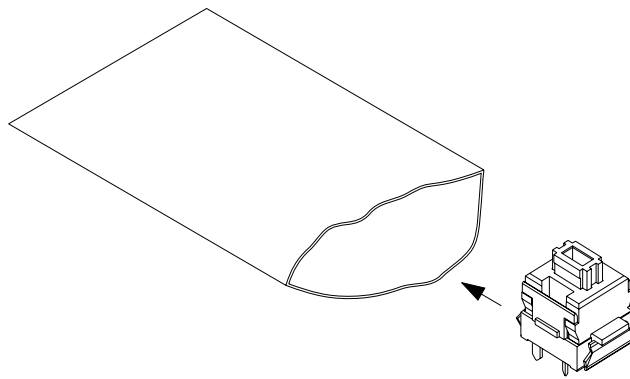
8.1 Scops This Specification covers the requirements for
AK-LEN series type of Keyboard switches.

8.2 Packing Material

Item	Material
Carton Box	Corrugated Paper
Plastic Bag	PE

8.3 Packing Unit

8.3.1 Every plastic bag contains 1000 pcs goods at most.



According to assembly drawing

8.3.2 The capacity of carton box

Every carton box contains 6 plastic bag at most.

