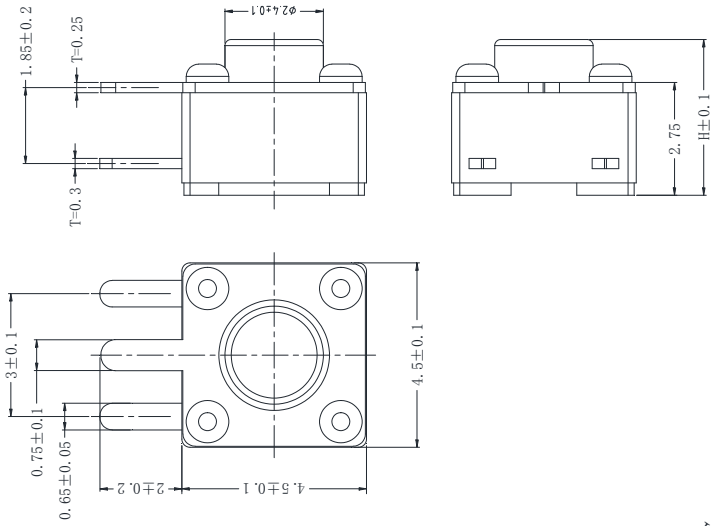
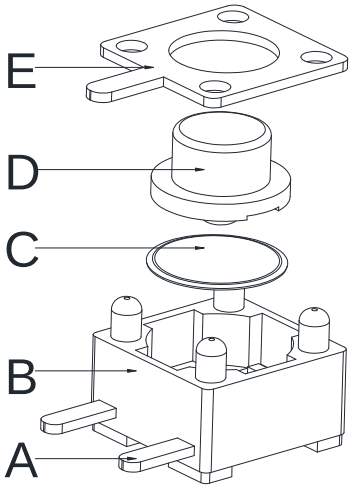
Kinghelm®

RevNo	Revision note	Date	Signature	Checked

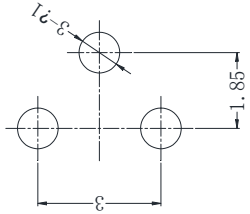




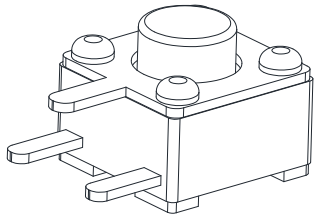
Parameters

1.Rated Current: 50mA 12V DC
2.Contact Resistance: 100mΩ
3.Actuation Force: 160±30gf/260±50gf
4.Travel: 0.15±0.05mm
5.Insulation Resistance: 100MΩ
6.Dielectric Strength:100v 50Hz 1Min
7.Lifespan: 50,000 times

Circuit Diagram



PCB Diagram



SN	Item	Material	Qty.	Note
E	Cover	Iron Sheet 0.25	1	Copper-plated tin
D	Plunger	PPA Black	1	Purge
C	Contact Dome	SS Cover W/ Silver	1	
B	Base	PPA Black	1	Purge
A	Contact	Brass 0.3	1	Silver-plated

Mark	Count	Changed File No.	Sig.	Date

First-person Perspective

General Tolerances	
>0.5-2	±0.1
>2-5	±0.2
>5	±0.3
Angle	±1°

Designed	Checked	Approved

Scale	Part No.	4.5×4.5 XH Side Pin
1:1		
Unit	Product Name	4.5×4.5 Side Pin(2.0)
mm		

Shenzhen Kinghelm Electronics Co., Ltd	www.kinghelm.net
KH-4.5X4.5X4.3H-B3J	0755-28190160