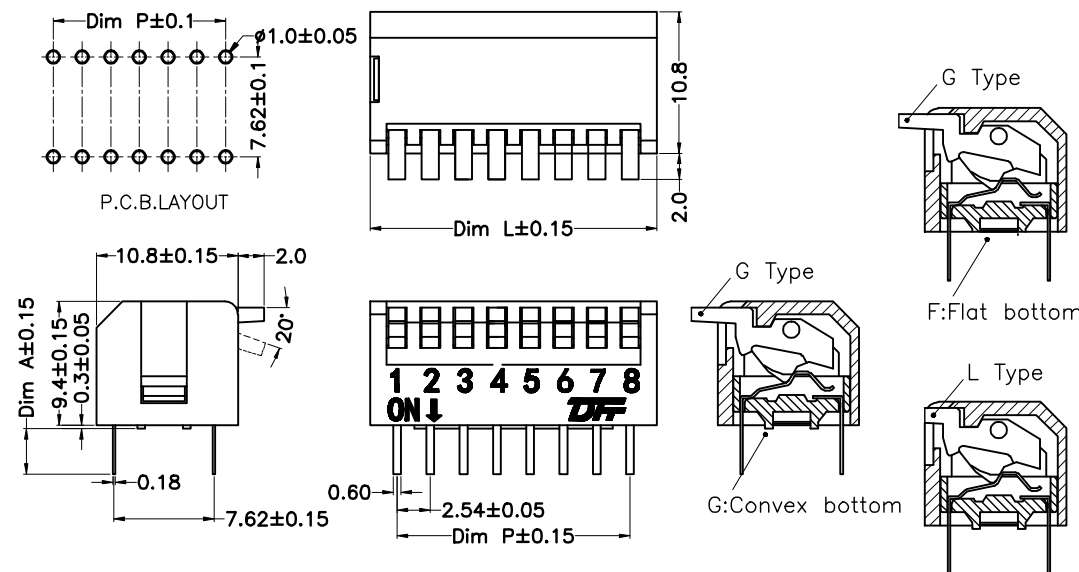


REV.	DESCRIPTION	DATE	DRAWN	APPROVED
A1	DWG.REL	2016/10/7	FANG	YANG

Poles	1P	2P	3P	4P	5P	6P	7P	8P	9P	10P	12P
Dim P	--	2.54	5.08	7.62	10.16	12.70	15.24	17.78	20.32	20.86	27.94
Dim L	4.09	6.63	9.17	11.71	14.25	16.79	19.33	21.87	24.41	26.95	31.03

Dim A	S:Short pin	L:Long pin
G:Convex bottom	2.7mm	3.5mm
F:Flat bottom	3.0mm	3.8mm



**Material:**  
 1、Base: UL94V-0 PBT Thermoplastic, black  
 2、Cover: UL94V-0 PBT Thermoplastic, red, blue  
 3、Button: UL94V-0 PA66 Thermoplastic, white  
 4、Terminal: Phosphor Bronze, Gold plating.

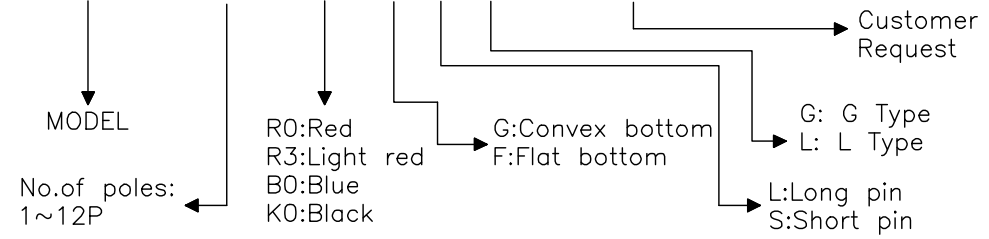
**Mechanical:**  
 1、Operating force:  $8N < \text{max} >$   
 2、Stroke: 2.00mm  
 3、Operation temp:  $-20^\circ\text{C} \sim 70^\circ\text{C}$   
 4、Storage temp:  $-40^\circ\text{C} - 85^\circ\text{C}$

**Electrical:**  
 1、Electrical life: 2000 operations per switch 24VDC, 25mA  
 2、Non-switching rating: 100mA, 50VDC.  
 3、Switching rating: 25mA, 50VDC.  
 4、The contact impedance (A: initial value of the maximum 50m  $\Omega$ , B testing after the maximum 100m  
 5、Insulation resistance: (at 500VDC) 100m $\Omega$  min  
 6、Dielectric strength: 500VAC/1minute.  
 7、Capacitance: Max 5pF.  
 8、The loop: single contact single selection

**SOLDERING AND CLEANING PROCESSES:**  
 1、For best results, please follow these recommendation: keep all switch contacts in their "OFF" position for all operations.  
 2、Wave soldering: recommended solder temperature at  $250 \pm 5^\circ\text{C}$ , 3~5 seconds.  
 3、Hand welding: use 30 watt iron control temperature at  $320^\circ\text{C}$ , the welding time is about 2 seconds.  
 4、Cleaning: cleaning process using ultrasonic method, can give better results, use steam mode, temperature should not exceed  $51^\circ\text{C}$ .

**HOW TO ORDER**

KF1002-XXP-XX-X X X-XXX-XX X



**Explain:**  
 1, general tolerance: 10mm or more - + 0.2mm.  
 Less than 10mm - + 0.1mm.  
 2, material and performance see accessories.

GENERAL TOLERANCE		ANGLE TOLERANCE	
X.	$\pm 0.5$	X'	$\pm 5'$
.X	$\pm 0.3$	.X'	$\pm 3'$
.XX	$\pm 0.1$	.XX'	$\pm 1'$
DRAWING TYPE		CUSTOMER	
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	XP0012016-xxxx		

PROJECTION	TITLE
$\text{mm}$	KF1002-XXP-XX-XXX-DFT
SHEET SIZE	SERIES
A4	Direct plug-in side switch
<b>DF 慈溪市凯峰电子有限公司</b>	
KAI FENG ELECTRONIC CIXI KAIFENG ELECTRONIC CO.,LTD	