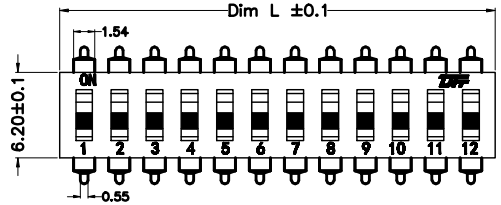
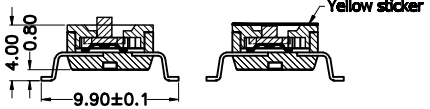
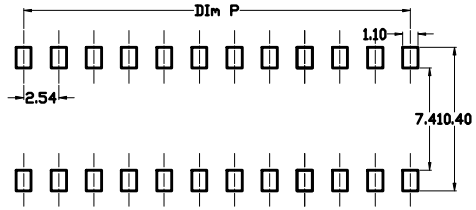
REV.	DESCRIPTION	DATE	DRAWN	APPROVED
A1	DWG.REL	2016/10/7	FANG	YANG



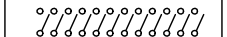
G Type L Type





P. C. B. LAYOUT

SCHEMATIC(TYP.)



(1,2,3,4,5,6,7,8,9,10,11,12,POS AVAIL)

Poles	Dim P	Dim L
1P	---	3.54
2P	2.54	6.08
3P	5.08	8.62
4P	7.62	11.16
5P	10.16	13.70
6P	12.70	16.24
7P	15.24	18.78
8P	17.78	21.32
9P	20.32	23.86
10P	22.86	26.40
11P	25.40	28.94
12P	27.94	31.48

Specifications

• Contact Rating	Switching.....25mA, 24VDC
	Non-Switching.....100mA, 50VDC
• Contact Resistance	Initial.....50mΩ/Max
	After Reliability Test...100mΩ/Max
• Insulation Resistance	.....100MΩ/Min. at 500 VDC
• Dielectric Strength	.....500VAC/1minute
• Operating Force	.....1,000g /max
• Travel	.....0.9mm
• Mechanical Life	.....5,000 cycles (Min.)
• Electrical Life	.....2,000 cycles/25mA, 24VDC
• Operating Temperature	.....-20℃~+70℃
• Storage Temperature	.....-40℃~+85℃

Materials

• Cover	...Thermoplastic UL 94V-0 rate, Black
• Base	...Thermoplastic UL 94V-0 rate, Black
• Actuator	...Thermoplastic UL 94V-0 rate, White
• Terminal Contact	...Phosphor bronze , Gold- Plated

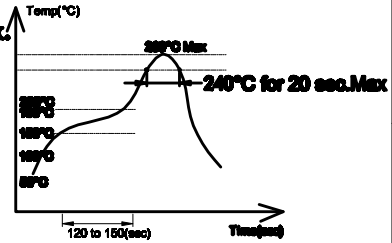
Soldering Information

Keep all switch contacts in their "off" position for all operations .

• Hand Soldering
Soldering iron 30W or under at 320° C for 3 sec. max.

• Reflow Soldering
Reflow zone 240° C for 20 seconds. (attached drawing for reference)

• Wave Soldering
Rencommended Solder Temperature at 260° C max.
5 seconds for IC type.



HOW TO ORDER

KF1027 B-□ □ P-□ □ □ -□ □ □

- KF1027: MODEL
- B: Terminal — B=IC Type, C=Drawings
- □ □: No.of poles: 1~12P
- □ □ □: Actuator Type — G=Raise Actuator, L=Flat Actuator
- □ □ □: Customer Request — 00=No Sealed,Tube; TR=Tape Sealed,Tape&Reel

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.	±0.5	X°.	±5°
.X	±0.3	.X°	±3°
.XX	±0.1	.XX°	±1°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	XP0012016-xxxx		

PROJECTION		TITLE	KF1027B-XXP-XXX-DFT
UNITS	mm		
SHEET SIZE	A4	SERIES	The patch type dial the code switch

DFF® 慈溪市凯峰电子有限公司
KAIFENG ELECTRONIC CIXI KAIFENG ELECTRONIC CO.LTD