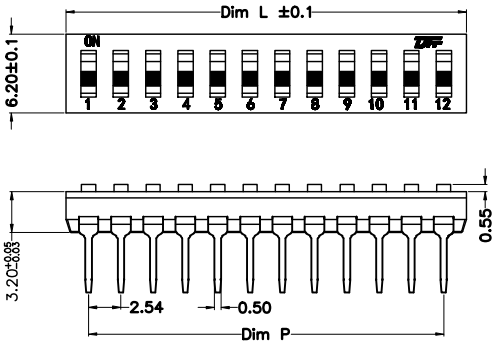
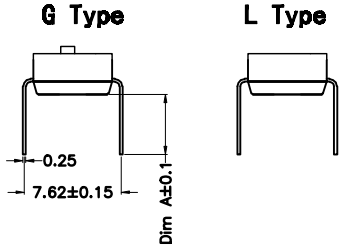
REV.	DESCRIPTION	DATE	DRAWN	APPROVED
A1	DWG.REL	2015.3.12	FANG	YANG

SCHEMATIC(TYP.)

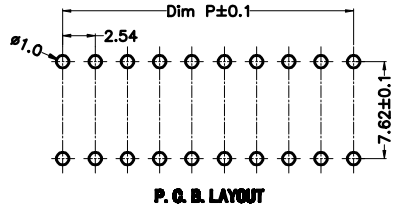
(1,2,3,4,5,6,7,8,9,10,11,12,POS AVAIL)

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





	S:Short pin	L:Long pin
Dim A	3.5mm	4.7mm



P. C. B. LAYOUT

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℃

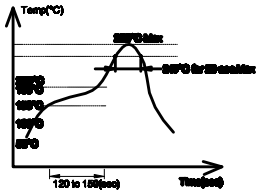
Materials

- 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-□ □ □ -□ □ □

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

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.			

PROJECTION		TITLE	KF1027A-XXP-XXX-DFT
UNITS	mm		
SHEET SIZE	A4	SERIES	Upright type flat dial switch

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