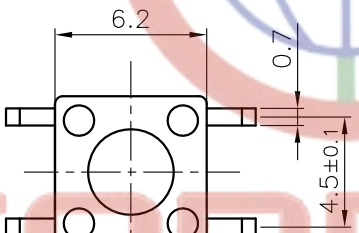
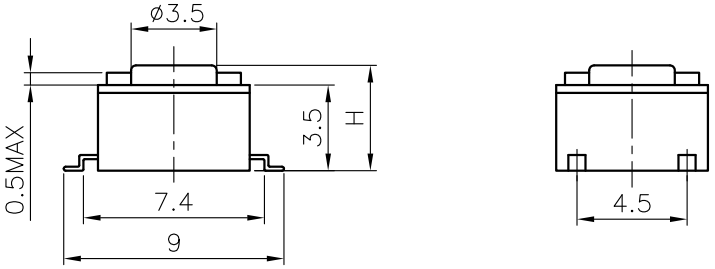
REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 23/06/05		

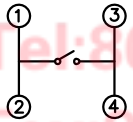
NOTES:

1. SPECIFICATIONS
   - . Switch Function: Single Pole Single Throw
   - . Contact Rating: 50mA at 12Vdc
   - . Insulation Resistance:100MΩ min.
   - . Contact Resistance:100mΩ max.
   - . Operating Life:100,00 cycles
   - . Stop Strength: Place The Switch Such That Vertical, A Static Load Of 3Kgf Shall Be Applied In The Direction
   - . Operation Temperature Range: −25°C to +70°C
   - . Wave Soldering: Recommended Solder Temperature At 500°f(260°C)max. 5 Seconds,Subject To PCB 1.6mm Thickness.
   - . Hand Soldering: Use Soldering Iron Of 30 Watts,Controlled At 608°f(320°C)Approximately 2 Seconds.





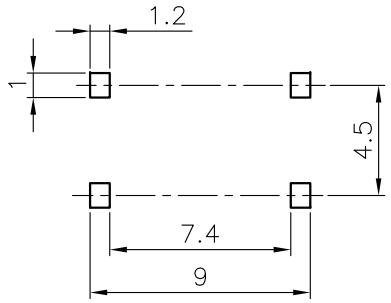
CIRCUIT DIAGRAM



2. PRODUCT NUMBER CODE:

DS1042−03 − X X X X X X X

- Operating Life
  5: 50000 cycles
  10: 100000 cycles
- Operating force
  130: 130gf 160: 160gf
  170: 170gf 250: 250gf
- Packing type
  A: polybag
  B: tube
  R: tape & reel
- Actuator color
  K: black
- Housing color
  K: black
- Profile Height(DIM. H)
  1:4.3mm 2:5.0mm 3:7.0mm
  4:7.3mm 5:9.5mm 6:13.0mm
  7:7.5mm 8:8.0mm 9:8.5mm
  10:12.0mm 11:12.5mm 12:17.0mm
  13:7.8mm
- Size
  1: 6mm*6mm



Recommend PCB layout
Tolerance±0.05

Tel:86-574-63508767
Fax:86-574-63510817
E-mail:sale@zhencin.com.cn
Http://www.connfly.com
Add:East Industry Zone KuangYan
Low Cixi Ningbo China
P.C:315332

GENERAL TOLERANCE	ANGLE TOLERANCE
X. ±0.60	X. ±5°
.X ±0.38	.X ±3°
.XX ±0.25	.XX ±2°

DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C−DS1042−03−1XXXXXX		

PROJECTION		TITLE	TACT SWITCH SMT TYPE 6mmX6mm
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1042−03

CONNFLY 晨翔电子有限公司
CONNFLY ELECTRONIC CO. LTD

REV.	DESCRIPTION	DRAWN	CHECKED	APPROVED
A	NEW RELEASE	LL 12/15/06		

NOTES:

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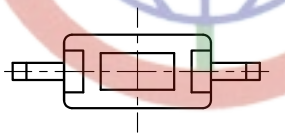

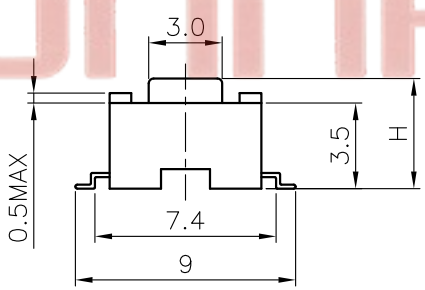

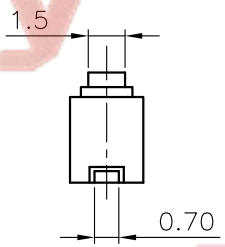

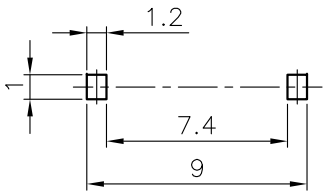

Recommend PCB layout
Tolerance±0.05

CIRCUIT DIAGRAM

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DS1042−03 − X X X X X X X

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  7:7.5mm 8:8.0mm 9:8.5mm
  10:12.0mm 11:12.5mm 12:17.0mm
  13:7.8mm
- Size
  2: 3mm*6mm

CONNFLY
Tel:86−574−63508787
Fax:86−574−63510887
E−mail:sale@zhengxc.cc
Http://www.connfly.com
Add:East Industry Zone KuangYan Town Yuyao Ningbo China

GENERAL TOLERANCE	ANGLE TOLERANCE
X. ±0.60 .X ±0.38 .XX ±0.25	X. ±5° .X ±3° .XX ±2°

PROJECTION		TITLE	TACT SWITCH DIP TYPE 3mmX6mm
UNITS	mm		
SHEET SIZE	A4	SERIES	DS1042−03
DRAWING TYPE	CUSTOMER		
SCALE	1:1	SHEET	1 OF 1
DRAWING NO.	C−DS1042−03−2XXXXXX		

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