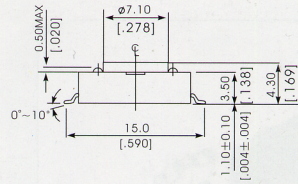
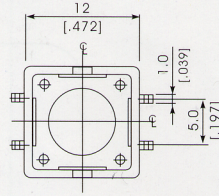
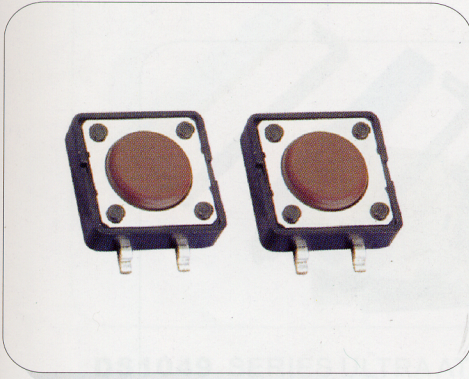


DS1042 SERIES

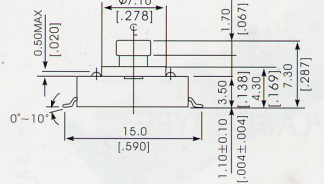
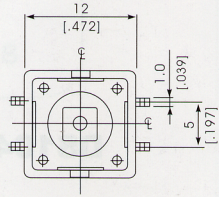
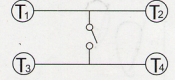
TACT SWITCH SMT TYPE 12mmx12mm



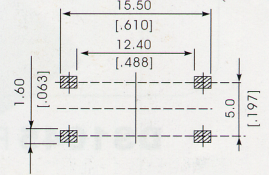
ZHENQIN



SCHEMATIC



P.C.B.LAYOUT



UNIT:mm/inch

Ordering Information

Series No.
DS1042

Size
02
2:12mmx12mm

Height
1
1:4.3mm
2:5.0mm
3:7.0mm
44:7.3mm(sq)2.4mm
48:7.3mm(sq)2.8mm
5:9.5mm
6:13.0mm(44.48 for square stem only)

Actuator
k
U:blue.70gf
k:black.100gf
n:brown.160gf
r:Rrc.260gf
s:Salmon.320gf
y:Yellow.520gf

Packing Type
A
B:tube
r:tape&rcl
A:Polybag

DS1043 SERIES

ZIF SOCKET

FEATURES

- ◆ Compact mechanical construction to ensure long term life.
- ◆ Zero insertion and extraction pressure.
- ◆ Standard 0.100(2.54mm) IC pitch, easy to mount in PC board.
- ◆ All plastics are UL 94V-0 grade fire retardant.
- ◆ Gold plated contact to ensure low contact resistance and long operation life.

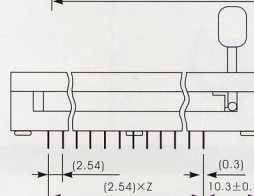
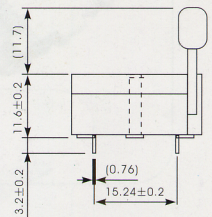
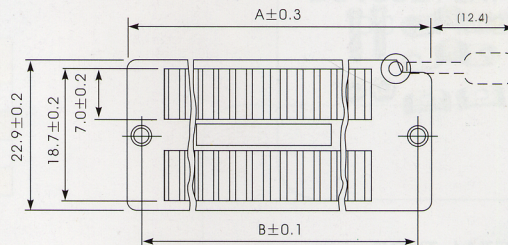
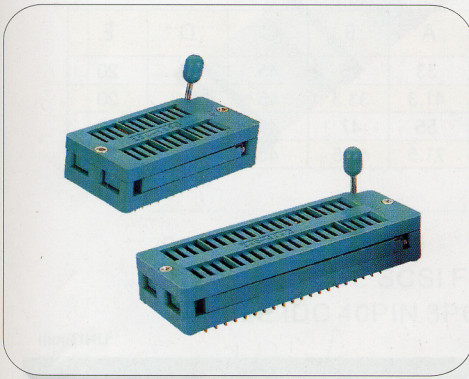
SPECIFICATION

1. ELECTRICAL:

- ◆ Contact Rating : 50 VDC, 100mA.
- ◆ Contact Resistance :
Initial : 10mΩ Max.
After life test : 20mΩ Max.
- ◆ Insulation Resistance : 100MΩ Min.
- ◆ Dielectric Strength : 500 VDC Min. for 60 seconds.
- ◆ Capacitance between adjacent contacts : 5pF Max.

2. MECHANICAL AND ENVIRONMENTAL

- ◆ Temperature Rating:
◆ Operating : -25°C to +70°C
◆ Storage : -40°C to +85°C
◆ Operating Life : 50,000 cycles (without load)
25,000 cycles (with load)
- ◆ Humidity : 95% RH, 40°C for 96 Hrs.
- ◆ Vibration : Per MIL-STD-202F, METHOD 201A
- ◆ Solderability : After flux 230±5°C for 5±0.5 seconds, 95% coverage
- ◆ Soldering Heat : 260±5°C for 5±1 Seconds



Leads	Part Numbe	A	B	Z
24	ELK024	45.3	40.9	11
28	ELK028	50.4	46.0	13
32	ELK032	55.5	51.1	15
40	ELK040	65.6	61.2	49
48	ELK048	75.8	71.4	23

UNIT:mm

Ordering Information

Series No.
DS1043

Number of Contacts
24
28
32
40
48

Housing Color
0
00:Blue
01:Black
07:Green

Contact Plating
Si
Si:Gold Flash

(Please contact us for other plating thickness)
T:Tin plated

Row Spacing
0
0:0.3 and 0.6 mix
3:0.3 inch(7.62mm)
4:0.4 inch(10.16mm)
6:0.6 inch(15.24mm)
9:0.9 inch(22.86mm)