FOXCONN®

SPECIFICATIONS

Tact Switch

Tact Switch, L SMT Type, W/ Ground

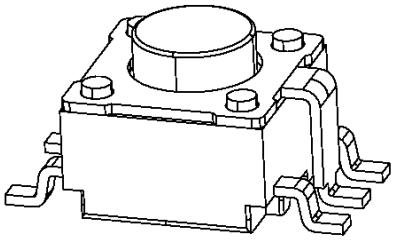
Electrical

Rating: *50mA max.*
Contact Resistance: *100mΩ max.*
Insulation Resistance: *100MΩ min.*
Dielectric Withstanding Voltage: *250V AC for 1 Minute*
Bounce: *5ms max.*

Mechanical

Operating Force &Durability: *100±30gf 1000000 Cycles*
160±50gf 1000000 Cycles
260±80gf 100000 Cycles

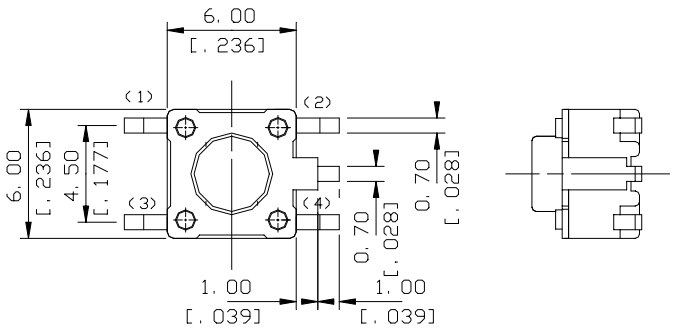
Travel: *0.25+0.2/-0.1mm*
Return force: *25gf min.*

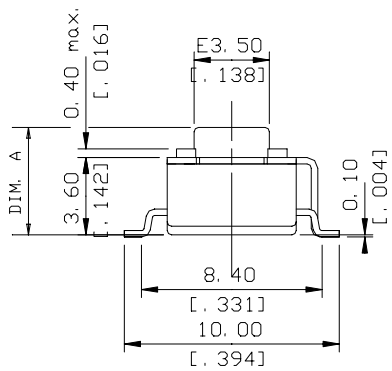


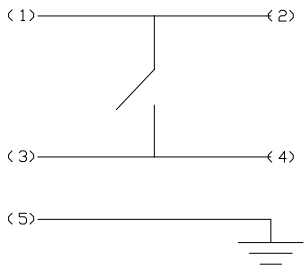
Physical

Operating Temperature: *-20℃ to +70℃*

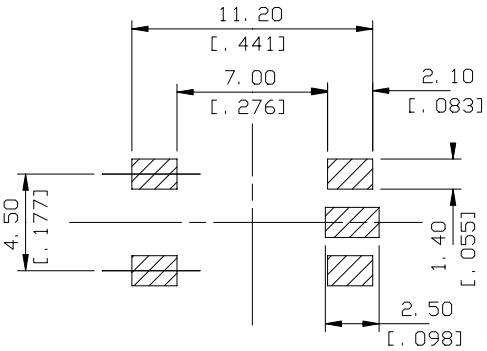
DRAWING







CIRCUIT SCHEMATIC



RECOMMENDED PCB LAYOUT

ORDERING INFORMATION

PRODUCT NO.: 1BT003–2****–***

- Switch Series
- Tact Type
- Product Series
- Prod. Size: 2=6.0mm*6.0mm
- Total Height
  - 5=4.3mm
  - 6=5.0mm
  - 7=7.0mm
- Operating Force:
  - 1=100gf
  - 2=160gf
  - 3=260gf
- Terminal:
  - 0=L SMT
  - 2=T/H
- Plating:
  - 0=Standard
  - L=Lead-free
- Modification Code:
  - None=w/o Ground
  - 001=w/ Ground

1BT003-2510*-001	100±30gf	4.3
1BT003-2520*-001	160±50gf	4.3
1BT003-2530*-001	260±80gf	4.3
1BT003-2610*-001	100±30gf	5.0
1BT003-2620*-001	160±50gf	5.0
1BT003-2630*-001	260±80gf	5.0
1BT003-2710*-001	100±30gf	7.0
1BT003-2720*-001	160±50gf	7.0
1BT003-2730*-001	260±80gf	7.0
P/N	OPERATING FORCE	DIM. A