Spring Finger Contact Switch

Features/Benefits

- *Ultra thin construction*
- *Solderless*
- *High performance in drop test*
- *Reduced space on PCB*

Typical Applications

- *Cell phones*
- *Medical*
- *MP3 player*
- *Audio headsets*
- *Automotive*

Construction (typical)

FUNCTION: Momentary action
CONTACT ARRANGEMENT: Normally open
CONNECTIONS: Spring Finger
MOUNTING: Springloaded

Mechanical (typical)

MAXIMUM ACTUATION FORCE: 20 N (4.4 lbs.)
OPERATING FORCE/LIFE/TRAVEL:

Actuation Force	Life Expectancy	Travel to Make	Total Travel
2 N ± 50%	100,000 operations	0.15 mm+0.15/-0mm	0.45 mm

Electrical (typical)

	Silver	Gold
MAXIMUM POWER:	1 VA	0.2 VA
MAXIMUM VOLTAGE:	32 V	32 V
MAXIMUM CURRENT DC:	50 mA	10 mA
MINIMUM CURRENT DC:	1 mA	1 mA

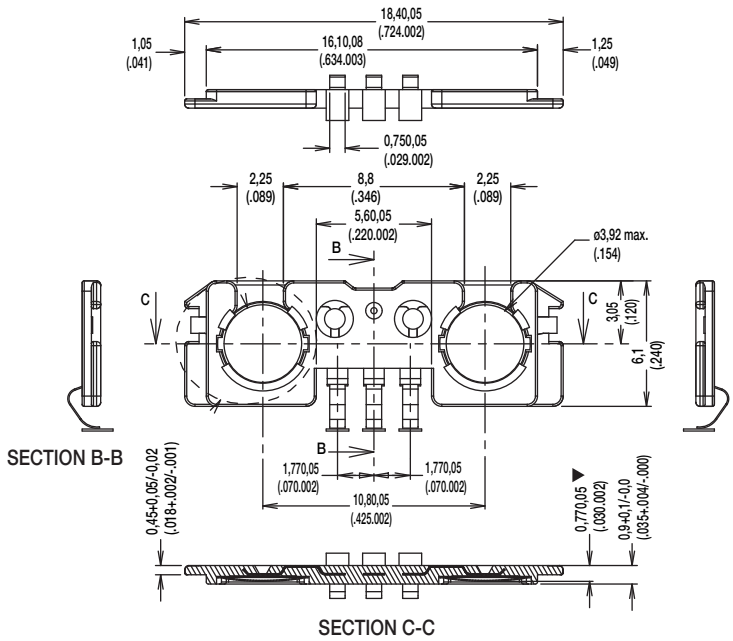
DIELECTRIC STRENGTH: 250 Vrms
CONTACT RESISTANCE: ≤500 mΩ
INSULATION RESISTANCE (100 VDC): 10^9 Ω
BOUNCE TIME: < 5 ms

Environmental (typical)

OPERATING TEMPERATURE: –40˚C to +85˚C
STORAGE TEMPERATURE: –55˚C to 125˚C

How To Order

Standard part numbers are not available for this product line. The Spring Finger switch is designed to meet application specific requirements. Consult our Customer Service Center to discuss your application.



Actuation force can be specified in order to meet custom requirements.

ESD Shielding up to 12KV is possible.

Lock feature of Spring Finger contact switches in casing with button is possible.

The PCB contact area and positioning on the Spring Finger terminals are specified in order to meet custom requirements.

The Spring Finger tact switches material and construction excel in shock, vibration and mechanical stress tests.

These characteristics are the same for gold plated contact versions.

First Angle Projection

Dimensions are shown: mm (inch)
Specifications and dimensions subject to change