## **Mechano Transformer Corporation**

www.mtc.jpn.com contact: info@mechano-transformer.com Preload piezoelectric actuator

MTPTK Series: MTPTK10S50F3000

## **Specifications**

-Open-loop stroke: 50 μm @ 150V (fixed-free)

\*Tolerance value: 40~60 μm

•Operating voltage:-20 V ~+150 V

•Stiffness in motion direction: 60 N/µm

•Resonance frequency(fixed-free): 2.6 kHz@130g of load

\*Tolerance value: 2.0~3.2 kHz (@130g of load)

\*Blocked-Free

•Blocked force: 3.0 kN (\*Tolerance value: 2.4~3.6kN)

•Capacitance: 25.6 μF

Dimension: 10x15.6x52 mm

Mechanical interface: 2-M3.0 Tapped hole at both sides

•Environment: 0 to 85℃ with humidity less than 40%

•Mass: 48.0 g

\*All dimensions and specifications stated are nominal.

## Option:

• Mechanical interface can be tailor with an addition option fees.

## Geometry







