Mechano Transformer Corporation

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

MTPTK Series: MTPTK05S50F2000

Specifications

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

*Tolerance value: 40~60 μm

•Operating voltage:-20 V ~+150 V

-Stiffness in motion direction: 40 N/μm

•Resonance frequency(fixed-free): 2.1 kHz@130g of load

*Tolerance value: 1.8~2.7 kHz (@130g of load), *Blocked-Free

•Blocked force: 2.0 kN (*Tolerance value: 1.6~2.4kN)

•Capacitance: 11.0 μF

-Dimension: 5x15.6x52 mm

Mechanical interface: M3.0 Tapped hole at both sides

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

•Mass: 24.0 g

*All dimensions and specifications stated are nominal.

Option:

 Mechanical interface can be tailor with an addition option fees.

Geometry









