Mechano Transformer Corporation

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

MTPTK Series: MTPTK05S45F1600

Specifications

-Open-loop stroke: 45 μm @ 150V (fixed-free)

*Tolerance value: 36~54 μm

•Operating voltage: -20 V ~+150 V

•Stiffness in motion direction: 35.6 N/µm

•Resonance frequency(fixed-free): 2.4 kHz@130g of load

*Tolerance value: 1.9~2.9 kHz (@130g of load)

*Blocked-Free

•Blocked force: 1.6 kN (*Tolerance value: 1.28~1.92kN)

•Capacitance: 9.0 μF

Dimension: 5x15.6x52 mm

Mechanical interface: M3.0 Tapped hole at both sides

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

•Mass: 24.8 g

*All dimensions and specifications stated are nominal.

Option:

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

Geometry







