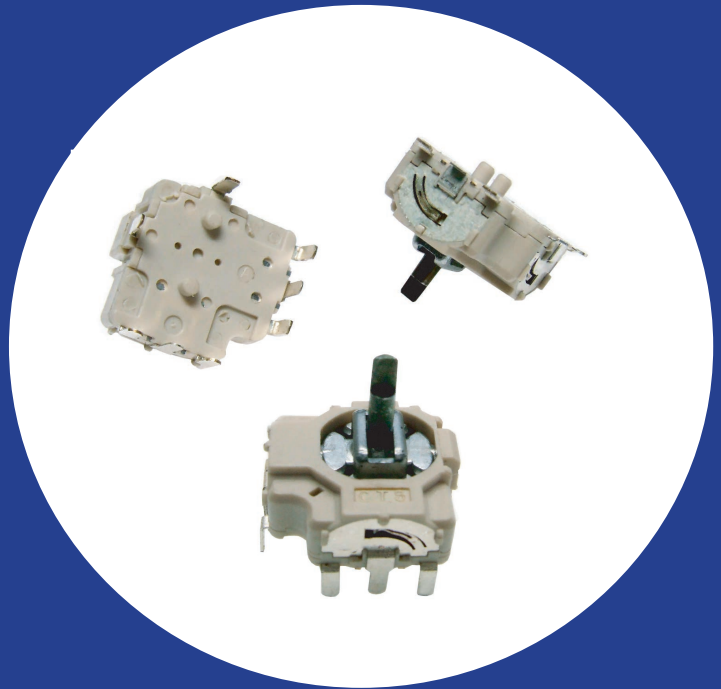


Two Axis, Micro-stick Controller With Optional Momentary Switch

Features

- Sub-Compact Size: 11x11x5 (mm)
- Long Life 1 Million Cycles
- Provides excellent electrical accuracy through patented mechanism
- Optional momentary switch is operational at all rotations
- RoHS compliant



Electrical and Mechanical Specifications

Potentiometer 1 & 2

Resistance Range

10 K ohms through 100 K ohms

Resistance Tolerance

Standard: $\pm 30\%$

Special: $\pm 20\%$ available

Dielectric Strength

250 VAC 50/60 Hz for 1 minute

Insulation Resistance

100 Megohms @ 250 VDC

Operational Torque

120 ± 50 gf-cm

Power Rating

0.0125 watt @ 50°C, derated to no load @ 85°C

Maximum Operating Voltage

50 VAC or 5 VDC maximum

Angle of Rotation

60° maximum

Life

1,000,000 cycles

Available Switch

Type

Momentary

Contact Resistance

100 milliohms maximum

Maximum Contact Resistance

200 milliohms maximum after 200,000 cycles
switching 5mA @ 5VDC

Insulation Resistance

100 Megaohms minimum @ 100 VDC

Operational Force

800 $\pm$ 200 gf

Power Rating

5 VDC, 5 mA maximum

Travel

0.8 $\pm$ 0.2mm

Switch Life

200,000 cycles

