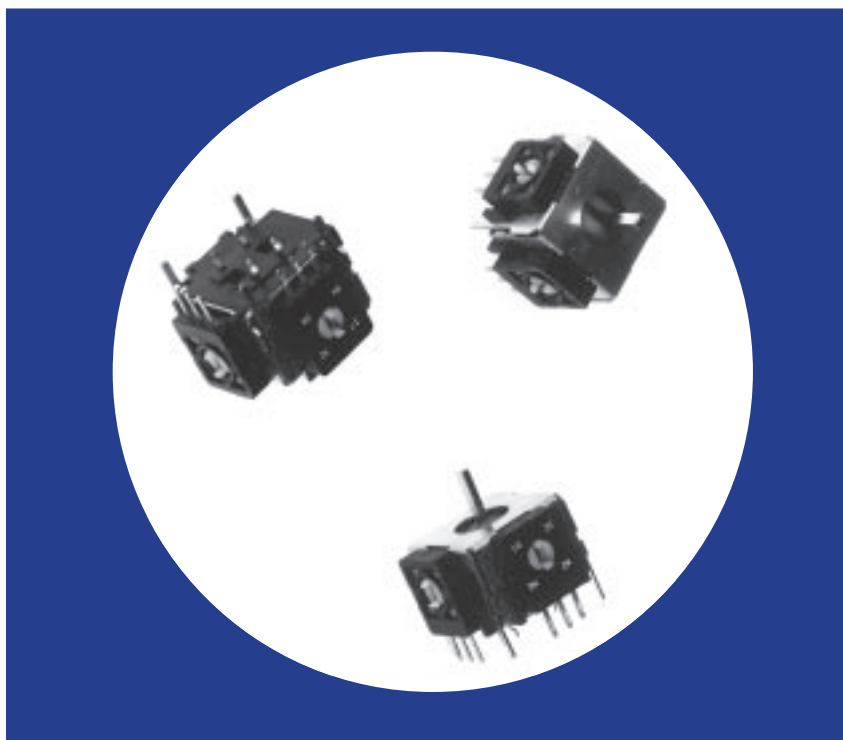


Two Axis, Ministick Controller With Optional Momentary Switch

Features

- Compact Size (20x21x13mm)
- Long Life 1 Million Cycles
- Optional momentary switch is operational at all rotations
- Sturdy metal case with convenient mounting tabs
- RoHS compliant



Pat. No: US 6,353,430 , Taiwan: 128688. Pat. Pending in Japan & China

Electrical and Mechanical Specifications

Potentiometer 1 & 2

Resistance Range

10 K ohms through 200 K ohms

Resistance Tolerance

Standard: $\pm 30\%$

Special: $\pm 10\%$ and $\pm 20\%$ available

Insulation Resistance

100 Megaohms min @ 250 VDC

Rotational Torque of Stick

200 $\pm$ 80 gf.cm at 10° deflection

Power Rating

0.0125 watt @ 50°C, Derated to no load at 85°C

Operating Voltage

50 VAC or 5 VDC maximum

Angle of Rotation

60° maximum

Life

Standard: 1,000,000 cycles

Special: Consult CTS

RoHS Compliance

Compliant with European Union RoHS Directive

Available Switch

Type

Momentary

Contact Resistance

100 milliohms max

Maximum Contact Resistance

200 milliohms max after 500,000 cycles
switching 5mA @ 5VDC

Dielectric Strength

250 VAC 50/60 Hz for 1 minute

Insulation Resistance

100 Megaohms min @ 100 VDC

Operational Force

800 $\pm$ 200 g

Power Rating

12 VDC, 50 mA maximum

Travel

0.9 $\pm$ 0.4mm

Switch Life

500,000 cycles

