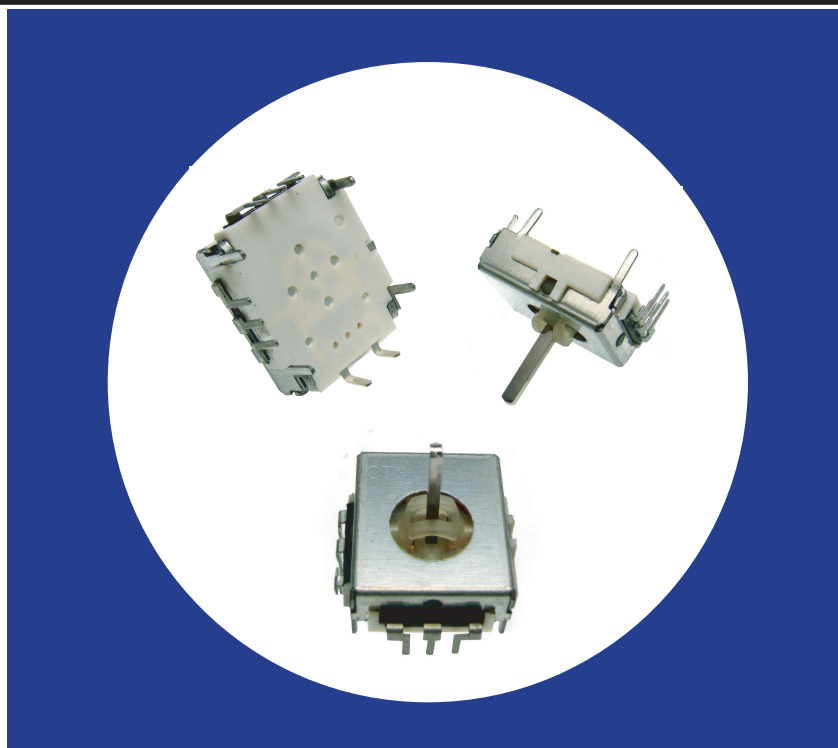


Two Axis, Ministick Controller With Optional Momentary Switch

Features

- Compact Size: 20x18x6mm (.79"x.71"x.24")
- 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 6,654,005 . Taiwan: 176676. 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 @ 250 VDC

Operation Torque

180 ± 50 gf-cm (2.5 ± 0.7 in-oz)

Power Rating

0.0125 watt @ 50°C, derated to load @ 85°C

Maximum Operating Voltage

50 VAC or 5 VDC maximum

Angle of Rotation

54° 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

1,200 $\pm$ 260 g

Power Rating

5 VDC, 5 mA maximum

Travel

0.5 $\begin{smallmatrix} +0.5 \\ -0.4 \end{smallmatrix}$ mm

Switch Life

500,000 cycles

