

Vatronics Technologies Limited

3269 6mm Square Multi-Turn Trimmer Potentiometers

Vatronics makes 3269W,3269P Series.

Electrical•Characteristics

Range•of•resistance 10Ω — $1M\Omega$ •

Resistance•tolerance $\pm 10\%$

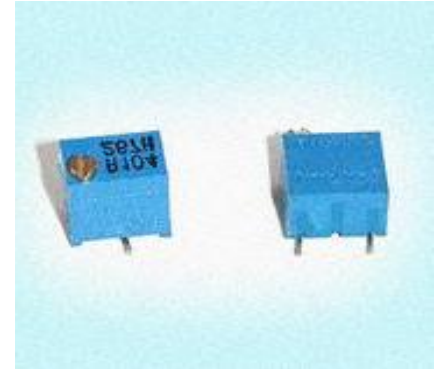
Terminal•resistance $\leq 2\Omega$ •or• $1\%R$

Contact•resistance•variation $CRV \leq 3\%R$ •or• 3Ω

Insulation•resistance $R_e \geq 1G\Omega$ Withstand•voltage 600Vdc

Limit•current•of•moving•contact•30mA

Effective•electrical•travel 12 ± 2 •turns



Vatronics Environment•Characteristics

Rated power(200Vmax -0.25W•70••

Temperature•range -55•—+125•

TCR ----- $\pm 100\text{ppm}/^\circ\text{C}$ •; $\pm 250\text{ppm}/^\circ\text{C}$

Temperature•variation -55•,30min,+125•,30min 5cycles

$\Delta R \leq 2\%R$ • $\Delta(U_{ab}/U_{ac}) \leq 1\%$

Collision 390m/s^2 •4000•cycles $\Delta R \leq 1\%R$

Vibration 10—2000HZ•0.75mm,6h

$\Delta R \leq 1\%R$ • $\Delta(U_{ab}/U_{ac}) \leq 2\%$

Climate•category $\Delta R \leq 3\%R$ • $R_e \geq 100M\Omega$

Endurance•at•70• 0.25W;1000h $\Delta R \leq 3\%R$ • $CRV \leq 3\%R$

Mechanical•endurance 200•cycles $\Delta R \leq 3\%R$ • $CRV \leq 3\%R$

Vatronics Steady•damp—heat

$\Delta R \leq 3\%R$ • $R_e \geq 100M\Omega$

Physical•Characteristics

Total•mechanical•travel 15 ± 2

•turns

Starting•torque $\leq 25\text{mN.m}$

Mark Resistance•code,

resistance tolerance

($\pm 10\%$ no indication),lot No

Standard•pack 50pcs/tube

Vatronics Technologies Limited

<http://www.vatronics.com> sales@vatronics.com