

# Multiturn Turn Cermet Potentiometer With 3266 Type

## Electrical Characteristics

Standard Resistance Range:	10Ω ~ 2MΩ
Resistance Tolerance:	± 10%
Terminal Resistance:	≤ 1% R or 2Ω Max.
Contact resistance variation:	CRV ≤ 3% R or 3Ω Max.
Insulation Resistance:	R1 ≥ 1GΩ
Withstand Voltage:	101.3kPa 600V, 8.5kPa 250V
Electrical Travel:	12±2 turns nom

## Environment Characteristics

Power Rating (200 volts max.):	+70°C 0.25W, +125°C 0W
Temperature Range:	-55°C ~ +125°C
Temperature Coefficient:	± 250ppm/°C; ± 100ppm/°C
Temperature Variation:	ΔR ≤ ± 2% R, Δ(Uab / Uac) ≤ ± 1%
Vibration:	390m/s <sup>2</sup> , 4000 times ΔR ≤ ± 1% R
Collision:	10 ~ 500Hz, 0.75mm, or 98m/s <sup>2</sup> , 6h, ΔR ≤ ± 1% R, Δ(Uab / Uac) ≤ ± 2%
Climate Category:	ΔR ≤ 3% R, R1 ≥ 100MΩ
Electrical Endurance at 70 °C:	0.25W, 1000h, ΔR ≤ ± 3% R
Mechanical Endurance:	200cycles, ΔR ≤ ± 3% R
Steady Damp-Heat:	ΔR ≤ ± 3% R, R1 ≥ 100MΩ

## Physical Characteristics

Total mechanical travel:	14±2 turns nom
Starting torque:	≤ 25mN.m
Standard packaging:	50pcs/tube

