

RKT-3590 PRECISION MULTITURN WIREWOUND POTENTIOMETER

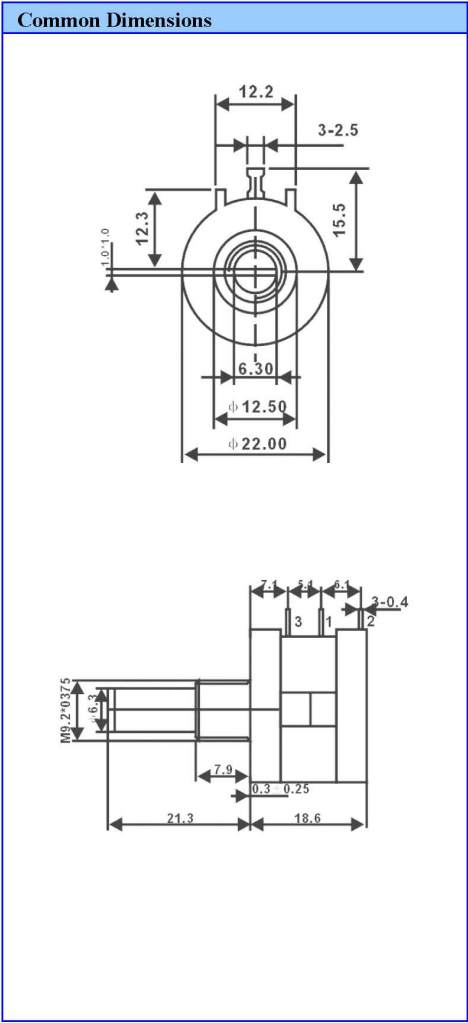


- Multiturn/ Round/ Wirewound
- 2 Shaft Styles

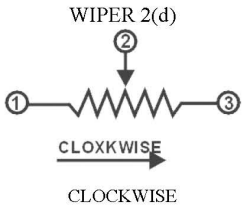
Electrical Characteristics	
Standard Resistance Range	1KΩ - 100KΩ
Resistance Tolerance	±5%
Independent Linearity	±0.5%
Effective Electrical Travel	≥3600° ± 10°
Treninal Resistance	≤0.2% or 5Ω
Noise	≤3% R or 5Ω
Insulation Resistance	R≥1GΩ
Withstand Voltage	101.3kPa 710V, 8.5kPa 470V

Environmental Characteristics	
Power Rating (500volts max)	0.5W@+70℃, 0W@+125℃
Temperature Range	-55℃ ~ +125℃
Temperature Coefficient	±200 or ±100ppm/℃
Temperature Variation	ΔR≤±2%R, Δ(Uab/Uac)≤±1%
Collision	390m/s ² , 4000cycles, R≤1%R
Vibration	10-500Hz, 0.75mm, or 98m/s ² , 6h ΔR≤±1%R, Δ(Uab/Uac)≤±2%
Climate Category	ΔR≤±3%R, R _i ≥100MΩ
Electrical Endurance at 70℃	2W, 1000h, ΔR≤±3%R
Mechanical Endurance	10000 cycles, ΔR≤±3%R
Steady damp-heat	ΔR≤±3%R, R _i ≥100MΩ

Physical Characteristics	
Total Mechanical Travel	≥3600° ± 10°
Staring Torque	≤36mN·m
Clutch Torque	≥300mN·m
Standard Packaging	10pcs/box 20pcs/box



How to Order	
RKT-3590	S 2 103 R
Model	
Style	
Metal Shaft and sleeve	
Resistance Code	
RoHS	



Tolerance is ±0.25 if no identification

Resistance Table	
Resistance(Ohms)	Resistance Code
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104

Special resistances available.