

## ET3540 Precision Multiturn Wirewound Potentiometer

Round/ MultiTurn/ Wirewound/ Industrial

2 Shaft Styles

Rohs Compliant



### Electrical Characteristics

Standard Resistance Range: 100Ω - 100KΩ

Resistance Tolerance: ±5% std.

Independent Linearity : ±0.55%

Terminal Resistance: ≤0.2%R or 5Ω

Noise: ≤0.3%R or 3Ω

Effective Electrical Travel: ≥3600° normal

Insulation Resistance: ≥ 1KMΩ

### Environmental Characteristics

Power Rating(500V max): 2W@70°C, 0W@125°C

Temperature Range: -55°C to +125°C

Temperature Coefficient: ±100ppm/°C

Load Life: 1000hours, 2W @70°C

Mechanical Endurance: 10000Cycles, ΔR≤±3%

### Physical Characteristics

Mechanical Travel: 3600° ±10°

Starting Torque: ≤36mN·m

Clutch Torque: ≥300mN·m

Marking: Resistance code, company logo

Standard Packaging: 20pcs per box

### How To Order:

ET3540 - S - 2 - 103

Model

Style

-2=Standard Product

-2 Metal Shaft

-1: Plastic Shaft and sleeve

Resistance Code

### Standard Resistance Table:

Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
500	501
1000	102
2000	202
5000	502
10000	103
20000	203
25000	253
50000	503
100000	104

### ET3540 Common Dimension & Adjust Method

