

# Multiturn Potentiometer

## ET3224 Chip Cermet Trimming Potentiometer **ELECSOUND®**

Elecsound is a leading manufacturer of trimming potentiometers with more than 10 years experiences in manufacturer. Our factory is located in Chengdu, China. Our products include: 3006, 3262, 3266, 3269, 3296, 3299, 3303, 3306, 3309, 3318, 3323, 3329, 3362, 3386, 3540 and 3590.

Square/Multiturn/ Cermet/ Industrial/ Sealed

4 Terminal Styles

Rohs Compliant

Chip small size

### Electrical Characteristics

Standard Resistance range: 10Ω - 1MΩ

Resistance Tolerance: ±10% std.

Absolute Minimum Resistance: ≤1% or 2Ω

Contact Resistance Variation: ≤3% or 3Ω

Insulation Resistance : R1 ≥1,000 MegΩ

Withstand Voltage : 500VAC

Effective Travel: 11 turns normal

### Environmental Characteristics

Power Rating: 0.25W@70°C, 0W@125°C(200V)

Temperature Range: -55°C to +125°C

Temperature Coefficient: ±100ppm/°C

Vibration: 10-500Hz, 0.75mm, 6Hour, ΔR ≤±1%

Shock: 390m/s, 4000cycles, ΔR ≤±1%

Endurance: 0.25W@70°C, 1000H, ΔR ≤±3%

Rotational Life: 200Cycles, ΔR ≤±3%

### Physical Characteristics

Starting Torque: ≤25mN·m

Flammability: UL.94V-0

Marking: Resistance code

Standard Packaging: 250pcs per Reel

### How To Order:

**ET3224 J - 1 - 502**

Model \_\_\_\_\_

Style \_\_\_\_\_

Standard or Modified Product Indicator \_\_\_\_\_

-1= IR Reflow (standard)

†-2= Wave Solderable

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
200000	204
250000	254
500000	504
1000000	105

### ET3224 Common Dimension & Adjust Method

