

## Multi turn Wire Wound Potentiometers, (ø53mm)

### Model: 5010, 10-Turn

#### Product:



#### Features:

- ✦ High Wattage
- ✦ Different Shaft Diameters and Lengths Available
- ✦ Bush Mount Available & Servo Mount on Request
- ✦ Slipping Clutch Available
- ✦ Center Tap (4 Pins)

#### Technical Details:

Parameters:	Model: 5010
Power Rating	5Watt @ 40°C
Resistance Range	See Chart Below
Standard Tolerance	Std. ±5%, other on request
Linearity	Std. ±0.5%, ±0.25% other on request
Rotational Angle	3600° +10° / -0°
Insulation Resistance	1000MΩ @ 500VDC
Max. Working Voltage	1000VDC
Voltage Proof	3000VAC for 1 min. @ sea level
End Resistance	2Ω or %Lin whichever is greater

#### Resistance Value:

Model No.:	Resistance Value
5010	100, 200, 250, 500, 1K, 2K, 5K, 10K, 20K, 50K, 100K

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**Resolution Chart:**

Model: 5010		
Resistance Value	Resolution (%)	Ohms per Turn
50	N.A	N.A
100	0.046	0.05
200	0.030	0.06
250	0.029	0.07
500	0.029	0.14
1K	0.019	0.19
2K	0.015	0.30
5K	0.010	0.51
10K	0.015	1.45
20K	0.010	1.98
50K	0.006	2.84
100K	0.004	4.45
200K	0.005	9.61

**Dimensional Drawings:**

