

**Ganged Multi turn Wire Wound Potentiometers, (ø22.5mm)**

**Model: 3010-D/T, 10-Turn**

**Product:**

**Features:**



- > Different Shaft Diameters and Lengths Available
- > Multiple gangs possible.
- > Max. 1% conformity between the cups.

**Electrical Details:**

Parameters:	Model: 3010-D
Power Rating	3Watt @ 40°C
Resistance Range	See Chart Below
Standard Tolerance	Std. ±5%, other on request
Linearity	Std. ±0.5%, 0.25% optional
Rotational Angle	3600° +10° / -0°
Insulation Resistance	500MΩ @ 500VDC
Max. Working Voltage	250 VDC
Voltage Proof	1500VAC for 1 min. @ sea level
End Resistance	2Ω or %Lin whichever is greater
Rotational noise (ENR)	100 Ohm
Conformity between the cups	<1%

**Resistance Value:**

Model No.:	Resistance Value
<b>3010-D</b>	1K, 5K, 10K, 20K, 100K



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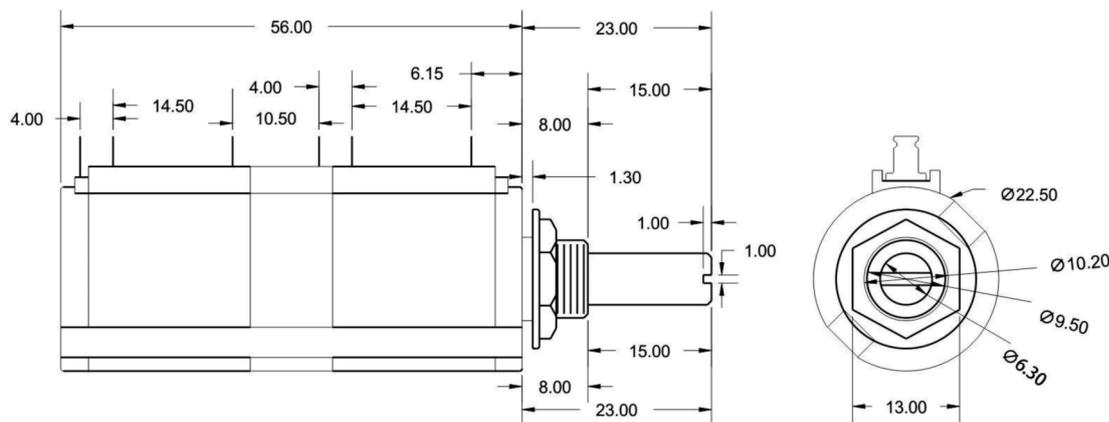
**Resolution Chart:**

Model: 3010-D		
Resistance Value	Resolution (%)	Ohm per Turn
50	N.A	N.A
100	0.064	0.0641
200	0.055	0.1102
250	0.044	0.1102
500	0.037	0.1848
1K	<b>0.029</b>	<b>0.2926</b>
2K	0.032	0.6406
5K	<b>0.023</b>	<b>1.1396</b>
10K	<b>0.016</b>	<b>1.6416</b>
20K	<b>0.013</b>	<b>2.618</b>
50K	0.011	5.698

**Mechanical details:**

Parameters:	Model 3010-D
Shaft material	Brass
Housing material	Engineering plastic
Ganged cups	2, Others on request
Life cycle	1 million revolutions
Max. operating speed	300 rpm
Weight	40 g

**Dimensional Drawings:**



**All dimensions are in mm**