RM065

Short Description:

Carbon Film Potentiometer RM065 Electrical Characteristics Total Resistance 100Ω-1MΩ Total Resistance Tolerance ±10% ±20% Max. Operation Voltage AC50V Max Rated Power 0.1W Resistance Taper B (Linear) Insulation Resistance ≥100MΩ at 100V ac Residual Resistance ≤30 ohm Rotational Life Max. ±15% change in resistance after 100 unload circles Load life Max. ±5% change in resistance after 3 hours loaded Mechanical Characteristics Total Rotational Angle 270°±20° Rot...

Product Detail

CARBON FILM POTENTIOMETER
RM065

- 6mm / Single-Turn / Carbon Film
- henolic Base / Resin Mold
- Open Frame / PC Board Stand-offs
- Enclosed Cover

Product Tags

Carbon Film Potentiometer RM065		
Electrical Characteristics	Total Resistance	100Ω-1MΩ
	Total Resistance Tolerance	±10% ±20%
	Max. Operation Voltage	AC50V Max
	Rated Power	0.1W
	Resistance Taper	B (Linear)
	Insulation Resistance	≥100MΩ at 100V ac
	Residual Resistance	≤30 ohm
	Rotational Life	Max. ±15% change in resistance after 100 unload circles
	Load life	Max. ±5% change in resistance after 3 hours loaded
Mechanical Characteristics	Total Rotational Angle	270°±20°
	Rotational Torque	20-450gf.cm
	Rotational Life	10,000 cycles
	Stop strength	3kgf.cm
Environmental Characteristics	Operating Temperature	-10°C~+70°C
	Temperature Characteristics	Resistance change +5%~+30% after 5 hours at 70°C
	Humidity Characteristics	Max. resistance 20% after 350 hours at 40° and R.H 90%

ENVIRONMENTAL CHARACTERISTICS

	0.1W (at 50℃)
Max Operating Voltage	50V/DC (100-500K ohm) 25V/DC (>500K ohm)
Operating Temperature Range	-10℃ to +70℃
Rotational Life	20±2 cycles

PHYSICAL CHARACTERISTICS

Rotational Torque	20-250 g-cm
Stop Strength	>350 g-cm
Terminals	Solderable pins
Marking	Resistance code

STANDARD RESISTANCE TABLE

Resistance (Ohms)	Resistance Code	Resistance (Ohms)	Resistance Code
100	101	20,000	203
200	201	50,000	503
500	501	100,000	104
1,000	102	200,000	204
2,000	202	500,000	504
5,000	502	1,000,000	105
10,000	103		

Special resistance available

RM065