

16mm Metal Shaft & Plastic Bush Rotary Potentiometer – With Switch

Electrical Characteristics

Total Resistance	500Ω ~ 2MΩ				
Total Resistance Tolerance	± 20% (More than 1MΩ ± 30%)				
Resistance Taper	A. B. C. D. W. Taper				
Resistance Taper Characteristics	A50%	B50%	C50%	D50%	W50%
	15-25%	40-60%	75-85%	2-15%	45-55%
Rated Power	B Taper: 0.2 W; Other Tapers: 0.1 W				
Max. Operating Voltage	B Taper: AC200V; Other Tapers: AC150V				
Residual Resistance	$R \geq 250K\Omega$ 0.1% $250K\Omega > R > 10K\Omega$ 10Ω Max. (between Term. 1, 2) $10K\Omega \geq R$ 10Ω Max. (between Term. 2, 3)				
Noise	47 mV max.				
Insulation Resistance	DC 500V 100MΩ				
Withstand Voltage	1 minute AC 500V				
Rotational Life	15,000 Cycles				
Switch Life	10,000 Cycles				

Mechanical Characteristics

Total Rotational Angle	300° ± 5°
Rotational Torque	30~200gf.cm
Stopper Strength	8kgf.cm max./3 minute
Switch Action	150~450g.cm
Switch Rotational Angle	35° ± 5°
Pull-Push Strength	7 kgf.cm max./3 minute
Switch Circuit	S.P.S.T.
Solder Heat	300°C, 3s (Only For Hand-Soldering)
Remark	Shaft: Cast Iron or Aluminum Zinc. Bushing Material: Cast Iron or Aluminum Zinc.