

9mm Snap-In Insulated Shaft Potentiometer

General

Operating temperature	-10 °C ~ +70 °C
Manual soldering	300 °C Max 3sec

Electrical Characteristics

Total resistance	Single GANG units 500 ohm ~ 500K	Dual GANGED 5K ~ 250K
Resistance tolerance	+/-20%	+/- 30%
Resistance taper	A B C	
Sliding noise	Less than 80 mV	
Residual resistance	Term. 1~2 :Less than 20Ω Term. 2~3 :Less than 40Ω	
Insulation resistance	More than 100MΩ at DC 250V	
Rated power(W)	0.03W	
Max. Operating voltage	AC 50V (for AC only)	
Withstand voltage	1 Minute at AC 250 V	
Gang error	0dB ~ -40dB ≤ 3dB	

Mechanical Characteristics

Total rotational angle	280° ± 5°
Rotational torque	10 ~ 80 gf.cm
Rotational stopper strength	3Kgf.cm Min
Shaft push-pull strength	4Kgf. Max
Rotational life	15,000 Cycles.