

## 12MM SIZE ROTARY POTENTIOMETERS (CYLINDRICAL WITH BUSHING & SWITCH)

### Mechanical characteristics:

Total rotational angle	$300^{\circ} \pm 10^{\circ}$
Rotational torque	2 ~ 20mN.m (20 ~200gf.cm)
Rotation stopper strength	0.3N.m (3kgf.cm)
Push pull strength	80N (8kgf) max.

### Electrical characteristics:

Total resistance	B: $5K\Omega \sim 1M\Omega$ other than B: $5K\Omega \sim 500K\Omega$
Total resistance tolerance	$\pm 20\%$ (more than $1M\Omega \pm 30\%$ )
Rated power	B: 0.08W other than B: 0.04W
Max. operating voltage	B: 150V AC other than B :100V AC
Withstand voltage	for 1 minute or more at 250V AC
Resistance taper	A, B, C
Residual resistance	$R \geq 250K\Omega$ 0.1% max. of total resistance $250K\Omega > R > 10 K\Omega$ 20 $\Omega$ max $10 K\Omega \geq R$ 10 $\Omega$ max
Insulation resistance	more than 50 $M\Omega$ at DC 500V
Gang Error	-40 ~ 0dB $\leq \pm 3$ dB max.
Slide noise	less than 47mV

### Durability:

Rotational life	10,000 Cycles
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