

12MM SIZE ROTARY POTENTIOMETERS (CYLINDRICAL WITH BUSHING)

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.
Click Torque	5 ~ 30mN.m (50 ~ 300gf.cm)

Electrical characteristics:

Total resistance	500Ω~1MΩ
Total resistance tolerance	$\pm 20\%$ (more than 1MΩ $\pm 30\%$)
Rated power	B:0.1W (other than B:0.05W)
Max. operating voltage	B: 150V AC (other than B :100V AC)
Resistance taper	A, B, C, D, W
Residual resistance	$R \geq 250K\Omega$ 0.1% max. of total resistance $250K\Omega > R > 10 K\Omega$ 20Ω max $10 K\Omega \geq R$ 10Ω max
Slide noise	less than 80mV
Insulation resistance	more than 50MΩ at DC 500V
Withstand voltage	for 1 minute or more at 300V AC
Gang Error	-40 ~ 0dB $\leq \pm 3$ dB max.

Durability:

Rotational life	15,000 Cycles
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