

16MM SIZE ROTARY POTENTIOMETERS (METAL SHAFT – SINGLE UNIT)

Mechanical Characteristics:

Total rotational angle	$300^{\circ} \pm 5^{\circ}$	Switch Rotational angle $35^{\circ} \pm 5^{\circ}$
Rotational torque	2 ~ 20mN.m (20 ~200gf.cm)	Switch Action 15-45mNm. (150-450gf.cm)
Rotation stopper strength	0.7N.m (7kgf.cm)	
Push pull strength	80N (4kgf)	
Bushing nut tightening strength	0.7N.m (7kgf.cm)	

Electrical characteristics:

Total resistance	500 Ω ~1M Ω	
Total resistance tolerance	$\pm 20\%$ (more than 1M $\Omega \pm 30\%$)	
Rated power	Curve B:0.2W Other than B:0.1W	Switch Rated Power 0.5A at AC/250V
Max. operating voltage	curve B : 200V Other than B : 150V	Switch Contact Resistance less than 30m Ω
Resistance taper	A,B,C,D,W	
Residual resistance	$R \geq 250K\Omega$ 0.1% max. of total resistance $250K\Omega > R > 10 K\Omega$ 20 Ω max $10 K\Omega \geq R$ 10 Ω max	
Insulation resistance	More than 100M Ω at DC 500V	
Withstand voltage	for 1 minute or more at AC 500V	
Slide noise	less than 80mV	

Durability:

Rotational life	10,000 Cycles
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