

# ROTARY POTENTIOMETERS

## With RGB LED Potentiometers



### ◆ FEATURE

- Outset molding with resin around the resistor prevents flux build-up.
- Red 、 green 、 blue 3 color LED colors .

### ◆ APPLICATIONS

- Ideal for volume, tone and balance control of car audio equipment.

### ◆ Common Specification

Characteristics	Specification
Total rotational angle	300±5°
Rotational torque	10~80gf.cm
Rotation stopper strength	3Kgf.cm
Push pull strength	8kgf max
Total resistance	5,10,20,50,100,250(KΩ)
Total resistance tolerance	±20%
Rated power	0.05W
Maximum operating	50V AC    10V DC
Resistance taper	A,B,C,D,E,K,W
Insulation resistance	100mΩ min. 250V DC
Withstand voltage	1 minute 300V AC
Rotation life	15,000 cycles

### ◆ Dimensions

Unit: mm

Model	Dimensions
Single unit with R.G.B LED & push on switch -0.5sw horizontal type <b>RD12S1FH1</b>	<p>             (8.2) 15 7 7 SW STROKE 0.3 4.5 φ0.6              0.5 10 M9×0.75 C0.8              3.5 2 MOUNTING SURFACE 8.8              60° 12.4 (8.2) 13.2 8              10.8 2 6.7 3.8 5-Ø1 HOLES              4 2 1.3 5 1 2 3 0.9 2.1 3-Ø1.1 HOLES              10              SHAFT SHOWN IN FULL CCW POSITION              CIRCUIT DIAGRAM           </p>

