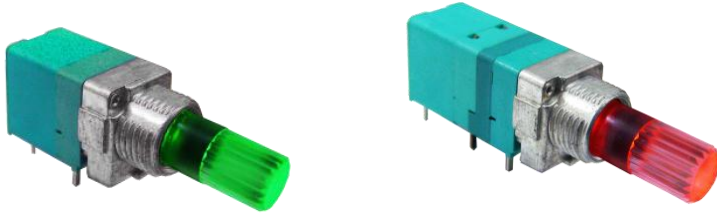


ROTARY POTENTIOMETERS

9mm With LED Potentiometers



◆ FEATURE

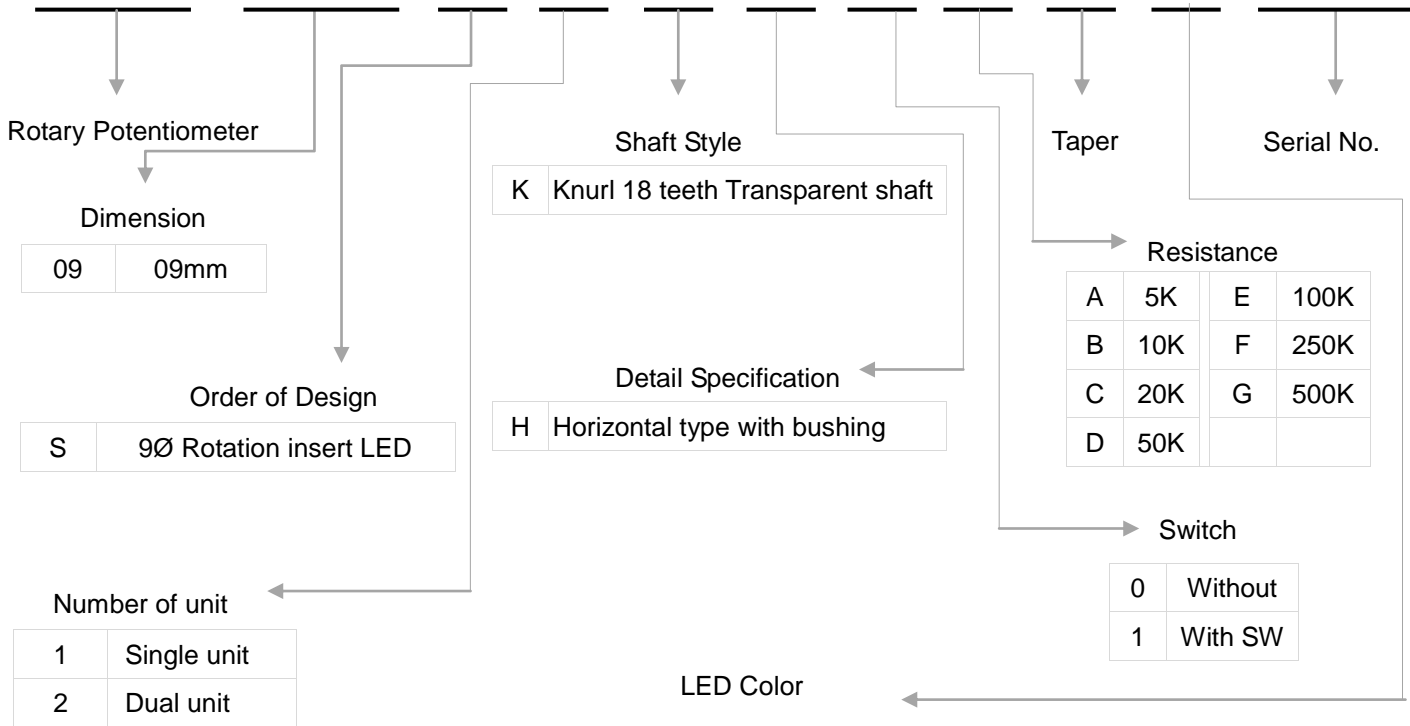
- Outset molding with resin around the resistor prevents flux build-up.
- Red 、 green 、 blue and orange LED colors are available.

◆ APPLICATIONS

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

◆ PRODUCTS NUMBERING SYSTEM

R	D	0	9	S	1	F	H	0	B	B	2	0	1
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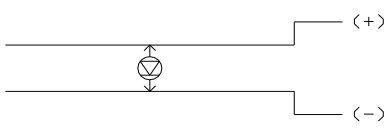
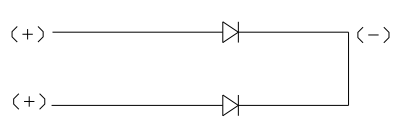
Single Color		Two Color	
0	Red	A	Blue / Orange
1	Lawn green	B	Green / Red
2	Blue	C	Blue / Green
5	Green	E	Green / Orange
6	Dark orange	F	Blue / Red

◆ COMMON SPECIFICATION

Model	RD09S- Without Switch	RD09S- With Switch
Total resistance (KΩ)	5、10、20、50、100、250	
Total resistance tolerance	±20%	
Resistance taper	A、B、C、D、E、K、W	
Rated power	0.05W	
Maximum operating	50V AC	10V DC
Total rotational angle	300±5°	
Rotational torque	10~80gf.cm	20~120gf.cm
Rotation stopper strength	3Kgf.cm	
Rotation life	15,000 cycles	
Switch rating	—	D.C.16V 3A
Switch contact resistance	—	100 mΩ Max
Switch operating method	—	Rotary type
Switch contact arrangement	—	S.P.S.T
Switch angle	—	50° Max
Switch operating force	—	500gf.cm Max
Switch life	—	10,000 cycles

DIMENSIONS

Unit : mm

Emitted color	
	
Single color LED	Two colors LED
Red	Blue / Orange
Lawn green	Green / Red
Blue	Blue / Green
Green	Green / Orange
Dark orange	Blue / Red

ROTARY POTENTIOMETERS

9mm With LED Potentiometers

STANDARD DIMENSION OF SHAFT AND BUSHING

Unit: mm

Knurled Shaft With Bush in	Shaft angle	Plug Dimensions
	<p>SHAFT SHOWN IN CENTER POSITION</p>	

DIMENSIONS

Unit: mm

Model	Dimensions			
<p>Single unit With single color LED RD09S1KH0</p>				<p>CIRCUIT DIAGRAM</p>
<p>Single unit With two color LED RD09S1KH0</p>				<p>CIRCUIT DIAGRAM</p>
<p>Single unit, With switch and single color LED RD09S1KH1</p>				<p>CIRCUIT DIAGRAM</p>
<p>Single unit, With switch and two color LED RD09S1KH1</p>				<p>CIRCUIT DIAGRAM</p>