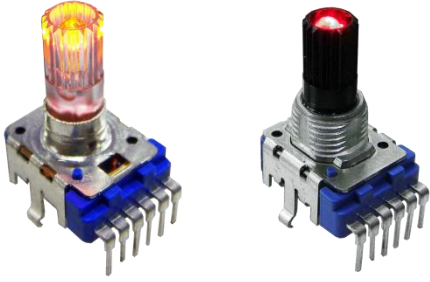


ROTARY POTENTIOMETERS

12mm Insert LED Potentiometers



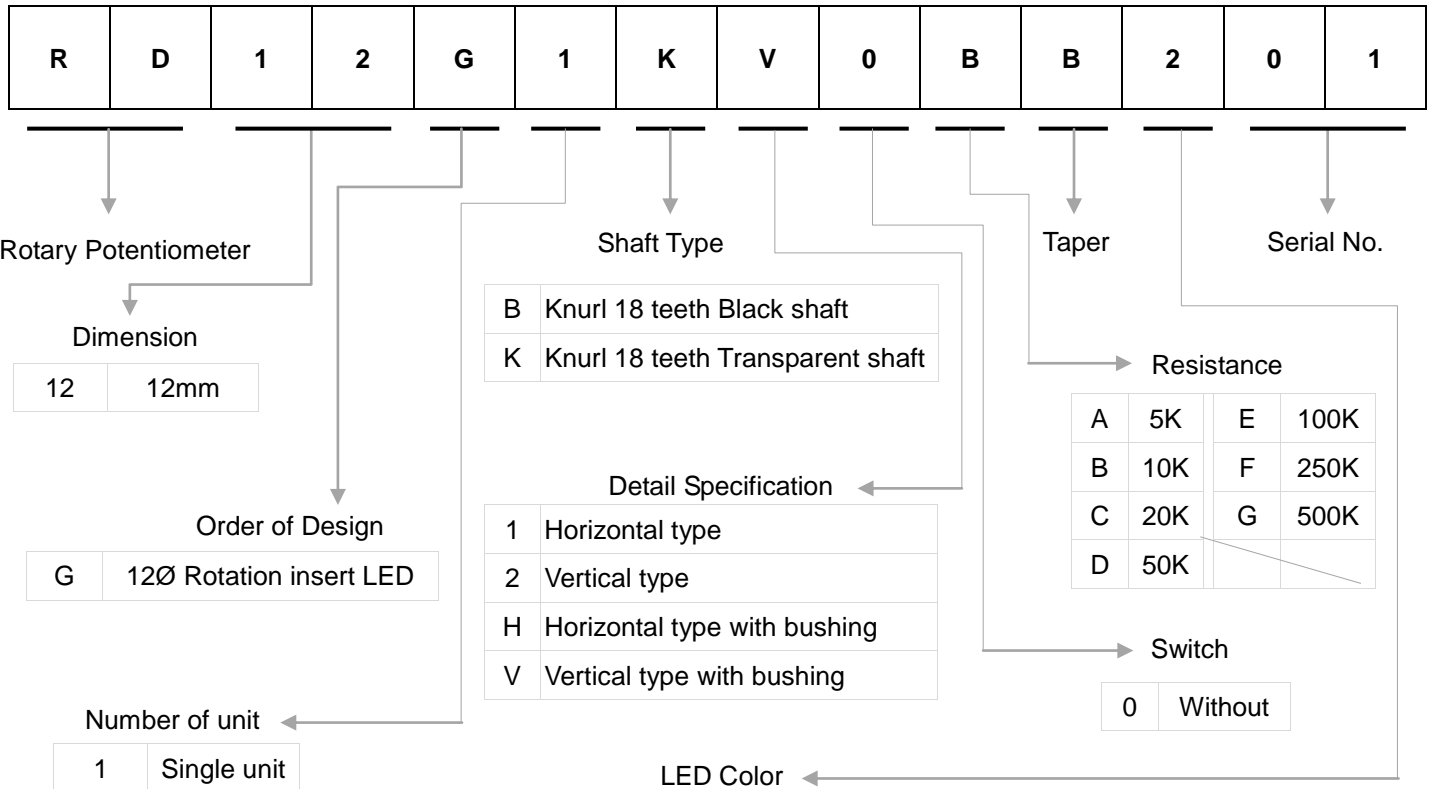
◆ FEATURE

- 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



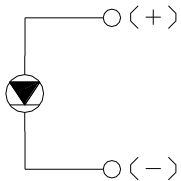
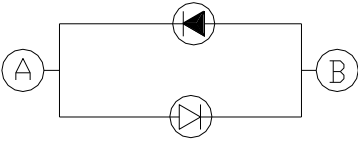
Single Color		Two Colors	
0	Red	A	Blue / Orange
1	Lawngreen	G	Red / Lawngreen
2	Blue	H	Blue / Lawngreen
3	Orange		
4	White		
6	Dark orange		

◆ COMMON SPECIFICATION

Characteristics	Specification
Model	RD12G
Total rotational angle	300±5°
Rotational torque	30~250gf.cm
Rotation stopper strength	5Kgf.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

Emitted color	
	
Single color LED	Two colors LED
Red	Blue / Orange
Lawngreen	Red / Lawngreen
Blue	Blue / Lawngreen
Orange	
White	
Dark orange	

ROTARY POTENTIOMETERS

12mm Insert LED Potentiometers

STANDARD DIMENSION OF SHAFT AND BUSHING

Unit: mm

Knurled Shaft	Knurled Shaft With Bushing	Shaft angle
		<p>SHAFT SHOWN IN CENTER POSITION</p>

DIMENSIONS

Unit: mm


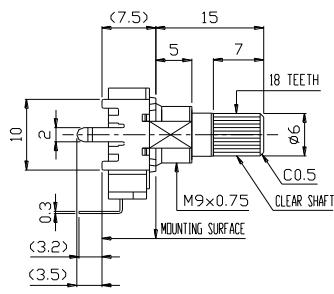
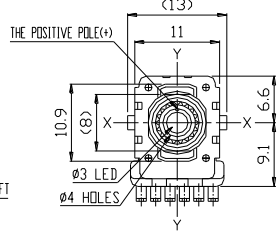
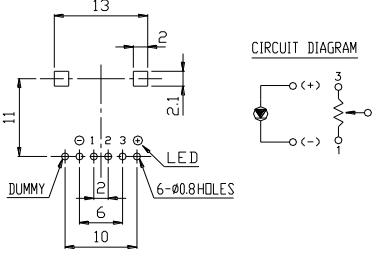

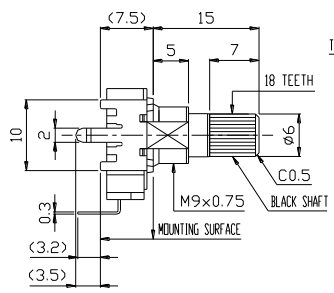
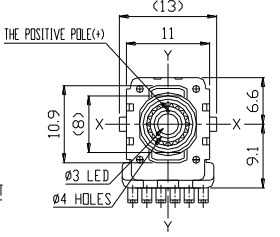
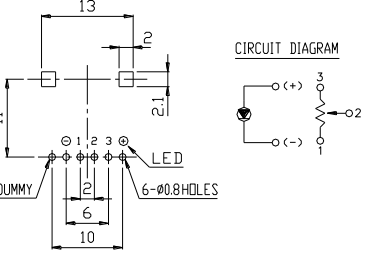

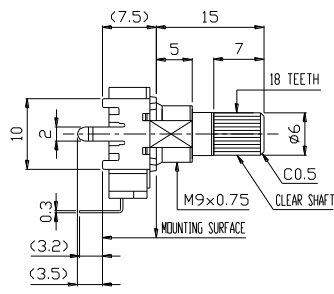
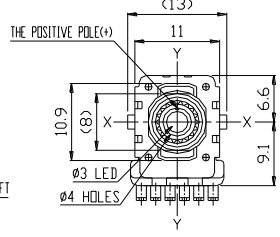
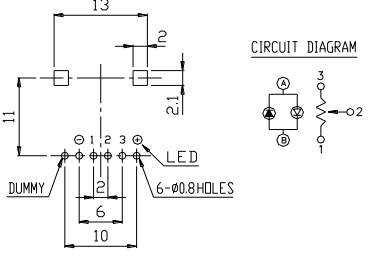

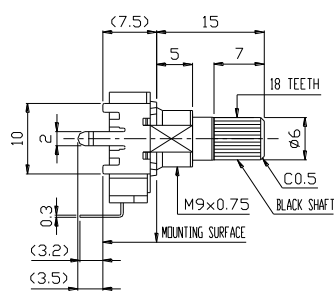
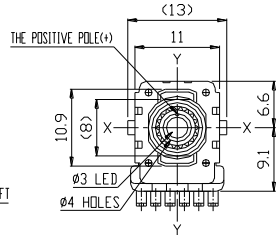
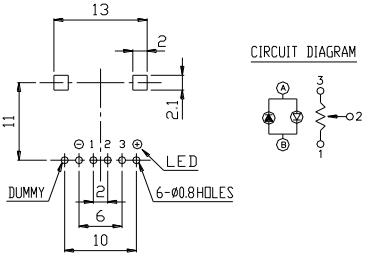
Model	Dimensions
Clear shaft, single unit With single color LED RD12G1KV	
Black shaft, single unit With single color LED RD12G1BV	
Clear shaft, single unit With dual color LED RD12G1KV	
Black shaft, single unit With dual color LED RD12G1BV	

ROTARY POTENTIOMETERS

12mm Insert LED Potentiometers

DIMENSIONS

Unit: mm

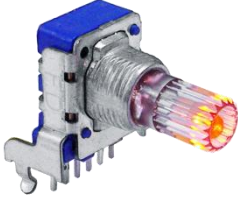
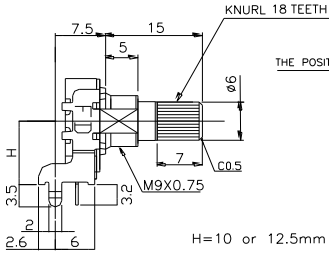
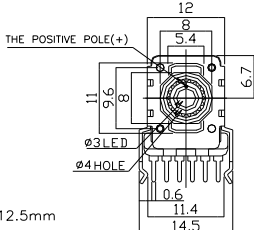
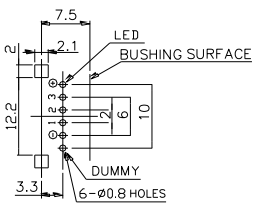
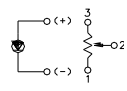

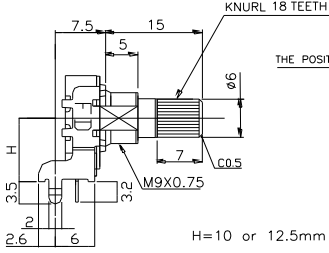
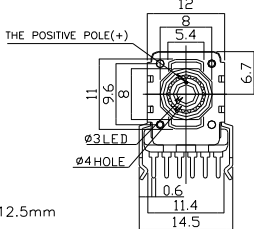
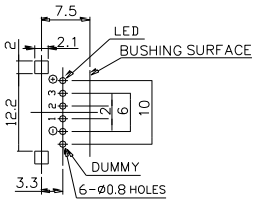
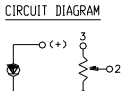
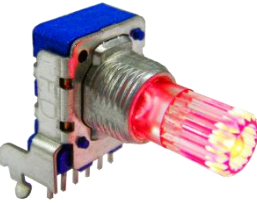
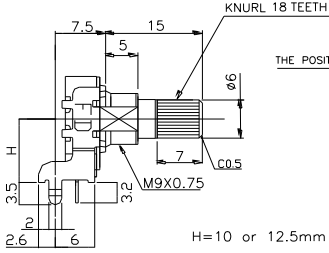
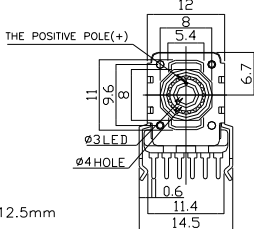
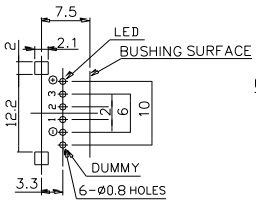
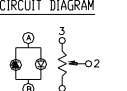

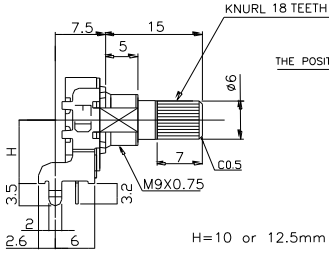
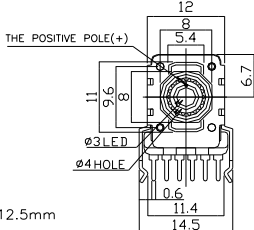
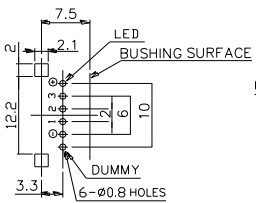
Model	Dimensions		
<p>Clear shaft, single unit With Bushing and single color LED RD12G1KV</p> 			 <p>CIRCUIT DIAGRAM</p>
<p>Black shaft, single unit With Bushing and single color LED RD12G1BV</p> 			 <p>CIRCUIT DIAGRAM</p>
<p>Clear shaft, single unit With Bushing and dual color LED RD12G1KV</p> 			 <p>CIRCUIT DIAGRAM</p>
<p>Black shaft, single unit With Bushing and dual color LED RD12G1BV</p> 			 <p>CIRCUIT DIAGRAM</p>

ROTARY POTENTIOMETERS

12mm Insert LED Potentiometers

DIMENSIONS

Unit: mm

Model	Dimensions		
<p>Clear shaft, single unit With Bushing and single color LED RD12G1KH</p> 	 <p>H=10 or 12.5mm</p>		 <p>CIRCUIT DIAGRAM</p> 
<p>Black shaft, single unit With Bushing and single color LED RD12G1BH</p> 	 <p>H=10 or 12.5mm</p>		 <p>CIRCUIT DIAGRAM</p> 
<p>Clear shaft, single unit With Bushing and dual color LED RD12G1BH</p> 	 <p>H=10 or 12.5mm</p>		 <p>CIRCUIT DIAGRAM</p> 
<p>Black shaft, single unit With Bushing and dual color LED RD12G1BH</p> 	 <p>H=10 or 12.5mm</p>		 <p>CIRCUIT DIAGRAM</p> 