

**NEWS RELEASE**

PR1210E

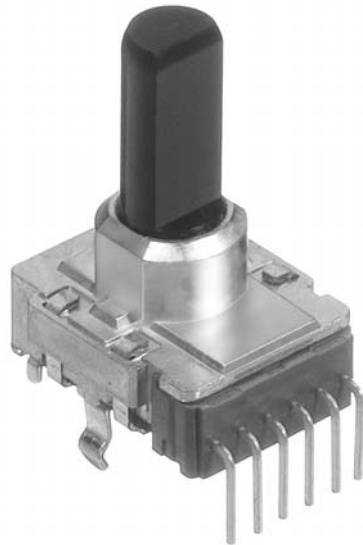
**12mm Size Insulated Shaft Snap-In Type Potentiometer for Automotive Applications**

Duesseldorf, Germany, June 14, 2010 – With the RK12L115, ALPS ELECTRIC EUROPE GmbH offers a 12mm size carbon rotary potentiometer with linear resistance characteristics. The robust ALPS potentiometer with a 25mm flat, insulated plastic shaft of 6mm in diameter is available as snap-in type for vertical PCB assembly. It has a compact, low profile design with dimensions of 12.0mm x 11.2mm x 7.5mm (W x D x H).

Despite its small size, the RK12L115 has a good haptic and features a large total mechanical rotation angle of  $300 \pm 5$  degree. The necessary rotational torque is  $25 \pm 15$  mNm. The shaft stopper strength amounts to 0.5Nm and the push-pull strength is 80N. The potentiometer is available in various custom type versions with/without detent or with center detent. It is rated for operating voltages of  $50V_{AC}/20V_{DC}$  and has a power consumption of 0.05W. The operating life is specified with 15,000 rotational cycles.

Further technical specifications include a total resistance of 10k $\Omega$  with  $\pm 20\%$  tolerance and an insulation resistance of 100M $\Omega$  at  $250V_{DC}$ . The voltage proof amounts to  $300V_{AC}$  per minute. With an operating temperature from  $-40^{\circ}C$  to  $+85^{\circ}C$ , the RK12L115 is an ideal solution for automotive applications, e.g. car A/V equipment or air conditioning systems. Due to its high flexibility it can also be used in various other applications. The rotary potentiometer meets the RoHS (Restriction on Hazardous Substances) directives. It is available in minimum packaging units of 800 pieces.

For more information on the new product please visit  
[http://www.alps.com/WebObjects/catalog.woa/E/HTML/Potentiometer/RotaryPotentiometers/RK12L115/RK12L115\\_list.html](http://www.alps.com/WebObjects/catalog.woa/E/HTML/Potentiometer/RotaryPotentiometers/RK12L115/RK12L115_list.html)



**ALPS Electric Co., Ltd.**

ALPS Electric (Tokyo: 6770) is a leading global manufacturer of high-quality electronic components for mobile devices, home electronics, vehicles and industrial equipment. With the philosophy of "Perfecting the Art of Electronics" ALPS Electric supplies over 40,000 different components to about 2,000 companies all over the world. For more information, visit [www.alps.com](http://www.alps.com).

**ALPS ELECTRIC EUROPE GmbH**, a subsidiary of ALPS Electric Co., Ltd., was established in 1979. Since 1989 the European Head Office has been located in Düsseldorf, where a team of specialists works in Sales, Marketing, and Product Engineering. The activities of our branch offices in Munich, Paris, Milton Keynes, Stockholm, Gothenburg, and our sales office in Milan are coordinated from Düsseldorf.

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