Ceramic Package - Linear Hall

The VF526DT has two Hall sensing elements encapsulated in a thermoset molding material precisely located 1.4 mm [0.055 in] apart on a single digital, 2-wire, MR sensor in a miniature, flat, TO-92-style plastic package with a current output, designed for sensing fine pitch ring magnets.

The VF401 is a high performance, digital, 2-wire, MR sensor in a miniature, flat, TO-92-style plastic package with a current output, designed for sensing fine pitch ring magnets. The VF401 is a cost-effective and space-efficient solution for high-volume OEM designs. The VF401 is a high performance, digital, 2-wire, MR sensor in a miniature, flat, TO-92-style plastic package with a current output, designed for sensing fine pitch ring magnets.

The APS00B is a miniature surface mount sensor for linear, angular, or rotary displacement designed for magnetic saturating field sensing. This sensor is a cost-effective and space-efficient solution for high-volume OEM designs. The VF401 is a high performance, digital, 2-wire, MR sensor in a miniature, flat, TO-92-style plastic package with a current output, designed for sensing fine pitch ring magnets.

These magnetic sensors were originally developed for the transportation (automotive) segment; however, customers have expressed interest in utilizing these devices for other applications. With this Product Focus, Honeywell has developed numerous materials such as product sheets, installation sheets, competitive information, value propositions, etc., to help our sales team understand the significant benefits of these products in transportation, industrial, and medical applications.

**Magnetic Position Sensors**

The temperature compensated Hall effect sensor consists of a quad Hall sensing element in a square integrated circuit chip, which is then encapsulated in a glass-filled thermoset molding material. The small SOT89 style package surface mounts on PCB boards and flexible circuits.

**HONEYWELL Sensors**

This product is RoHS compliant.

**PCB LEVEL POSITION SENSORS**

These sensors are considered advanced magnetic sensors because they offer additional functionality over basic Hall-effect or MR devices. These magnetic sensors were originally developed for the transportation (automotive) segment; however, customers have expressed interest in utilizing these devices for other applications. With this Product Focus, Honeywell has developed numerous materials such as product sheets, installation sheets, competitive information, value propositions, etc., to help our sales team understand the significant benefits of these products in transportation, industrial, and medical applications.

The APS00B is a miniature surface mount sensor for linear, angular, or rotary displacement designed for magnetic saturating field sensing. This sensor is a cost-effective and space-efficient solution for high-volume OEM designs. The VF401 is a high performance, digital, 2-wire, MR sensor in a miniature, flat, TO-92-style plastic package with a current output, designed for sensing fine pitch ring magnets. The VF401 is a high performance, digital, 2-wire, MR sensor in a miniature, flat, TO-92-style plastic package with a current output, designed for sensing fine pitch ring magnets.

The VF526DT has two Hall sensing elements encapsulated in a thermoset molding material precisely located 1.4 mm [0.055 in] apart on a single integrated circuit chip. Two active Hall latches provide speed and direction indication of an alternating magnetic field (such as a rotating ring magnet) across the face of the package.

**For quantities of 100 and up, call for quote.**