

GaAs Hall Element

Differential Analog Output Hall Element



AS1576

● General Description

This is a high sensitivity type of ANGSemi hall element using evaporated GaAs film. It performs effectively in low magnetic fields due to the high sensitivity. The input and output resistance values are suitable for transistor circuits.

The device is available in small SOT234 package and is rated over the -40°C to 125°C. The all packages are RoHS and Green compliant.

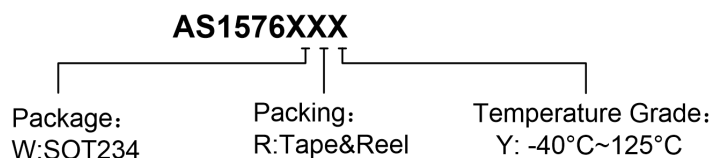
● Features

- High Linearity
- High sensitivity GaAs Hall Element
- Superior Temperature Stability
- Shipped in Package tape Real
- Differential Analog output
- Output Hall Voltage: 90mV to 110mV
- RoHS & Green Compliant
- SOT234 Packages
- -40°C to +125 °C Temperature Range

● Applications

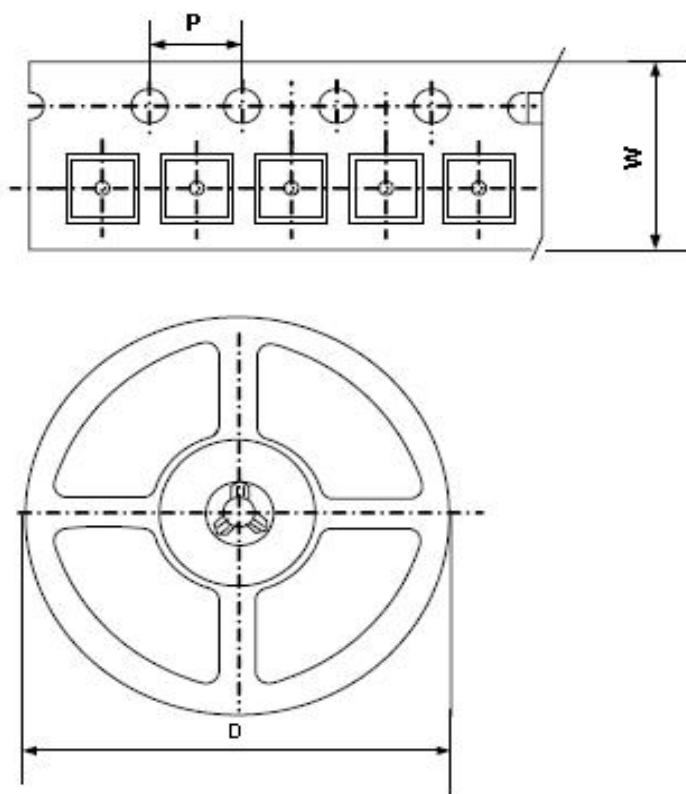
- Magnetic Field Measurement
- Brushless DC Motor
- Current Sensor
- Other small precision motors
- Non-contacting, rotation sensors, current sensors
- Magnetic flux sensors other than those above

■ Ordering Information



Part Number	Output Hall Voltage (mV, B=50mT, VC=6V)	Package Type	Package Qty	Temperature	Eco Plan
AS1576WRY	90 to 110	SOT234	7-in reel 4000pcs/reel	-40~125°C	Green

■ Packing Information



Package Type	Carrier Width(W)	Pitch(P)	Reel Size(D)	Packing Minimum
SOT234	8.0±0.1 mm	4.0±0.1 mm	180±1 mm	4000pcs

Note: Carrier Tape Dimension, Reel Size and Packing Minimum