

GaAs Hall Element

Differential Analog Output Hall Element



AS1572G

● 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 DFN0408-4L package and is rated over the -40°C to 125°C. The all packages are RoHS and Green compliant.

● Features

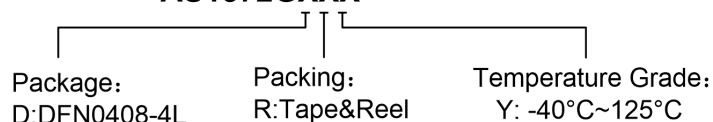
- High Linearity
- High sensitivity GaAs Hall Element
- Superior Temperature Stability
- Shipped in Package tape Reel
- Differential Analog output
- Output Hall Voltage: 36mV to 54mV ($I_C=5mA$)
- RoHS & Green Compliant
- Thin DFN0408-4L Packages
- -40°C to +125 °C Temperature Range

● Applications

- Magnetic Field Measurement
- OIS Motor
- Brushless DC Motor
- Current Sensor
- Other small precision motors
- DVD, CD-ROM, floppy disk drive
- Non-contacting, rotation sensors, current sensors
- Magnetic flux sensors other than those above

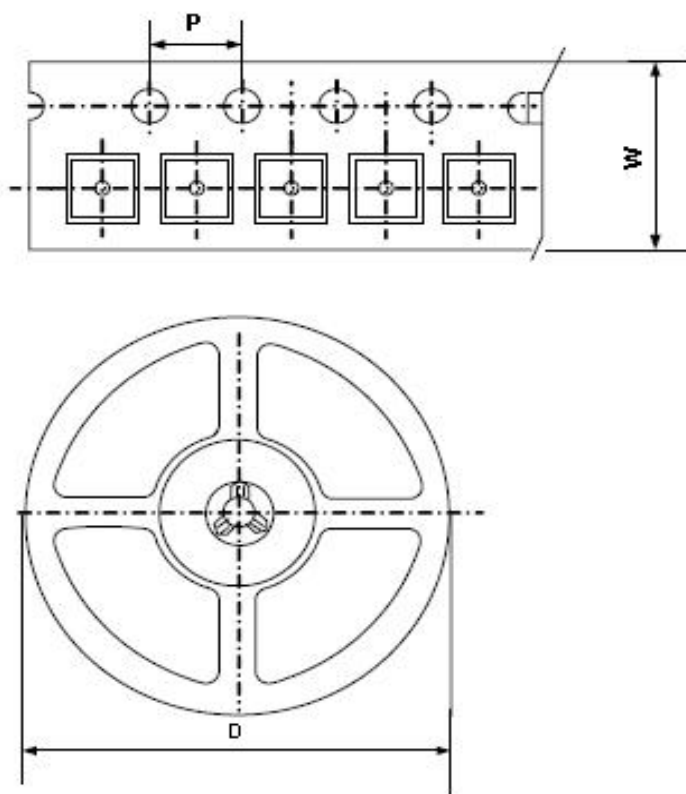
■ Ordering Information

AS1572GXXX



Part Number	Output Hall Voltage (mV, B=50mT, $I_C=5mA$)	Package Type	Package Qty	Temperature	Eco Plan
AS1572GDRY	36 to 54	DFN0408-4L	7-in reel 10000pcs/reel	-40~125°C	Green

■ Packing Information



Package Type	Carrier Width(W)	Pitch(P)	Reel Size(D)	Packing Minimum
DFN0408-4L	8.0±0.1 mm	4.0±0.1 mm	180±1 mm	10000pcs

Note: Carrier Tape Dimension, Reel Size and Packing Minimum