# Geomagnetic Type **HSCD Series**

# High azimuth accuracy and low current consumption.



■ Type: Electric compass

Applications: Mobile: Smartphones, tablets, Headsets, wearables
Energy\_Industrial: Robots, drones, Industrial equipment,
Converters

Game: Home handheld consoles, Virtual/augmented reality
Healthcare: Healthcare equipment, Nursing care equipment,
Analysis, test equipment

Audio\_TV:Visual,Audio,Pro audio,Cameras

#### ■ Product List

Dr	Products No.	Measurement range	Interface	Operating voltage		Current consumption	Size (mm)	Automotive	Drawing
				AVDD: Drive voltage	DVDD_io: Drive voltage		Size (IIIII)	Automotive	No.
HS	SCDTD008A	±2.4mT	I²C	+1.7 to +3.6V	+1.65 to AVDD	$60\mu A$ typ. (active) $3\mu A$ typ. (standby)	1.6×1.6×0.65 8pin LGA	_	1

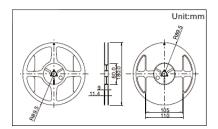


- 1. This catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
- 2. Place your purchase order in N minimum package units (N: integer).
- 3. Azimuth accuracy (margin of error) may be influenced by environmental conditions and other devices.

#### ■ Packing Specifications

## Taping

Numb	per of packages	(pcs.)	Tape width	Export package measurements (mm)	
1 reel	1 case / Japan	1 case / export packing	(mm)		
3,000	3,000	45,000	8	210×210×230	



## Drawing No.1

## ■ Dimensions

