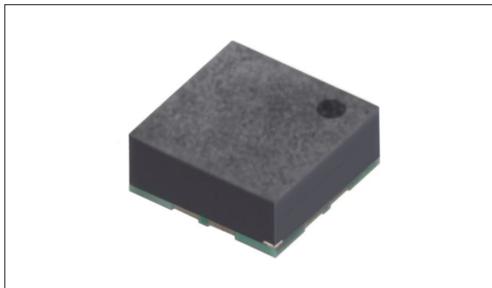


**Sensors****Geomagnetic Sensors****Geomagnetic Type****HSCD Series****High azimuth accuracy and low current consumption.**

■ 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

Products No.	Measurement range	Interface	Operating voltage		Current consumption	Size (mm)	Automotive	Drawing No.
			AVDD: Drive voltage	DVDD_io: Drive voltage				
<b>HSCDTD015A</b>	±2.4mT	I <sup>2</sup> C	+1.6 to +2.0V	+1.14 to AVDD	369μA typ. (ODR=100 Hz) 19μA typ. (standby)	1.55×1.55×0.62 16pin LGA	—	1

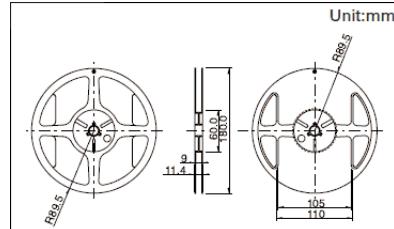
## ⚠ Note

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

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



## Drawing No.1

## ■ Dimensions

