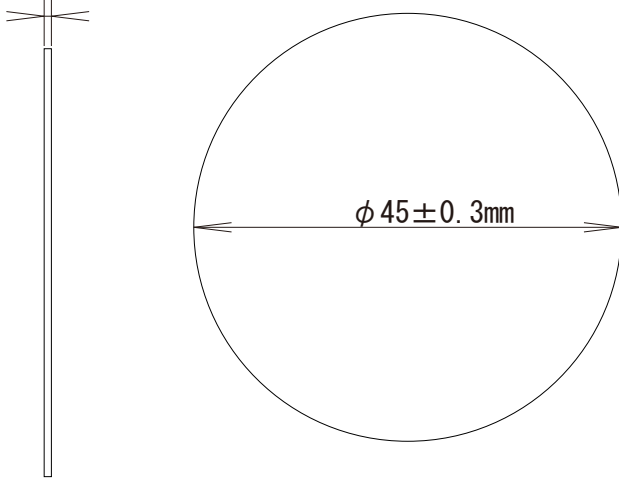


## Dimension

0.76 ± 0.08mm



## Specification

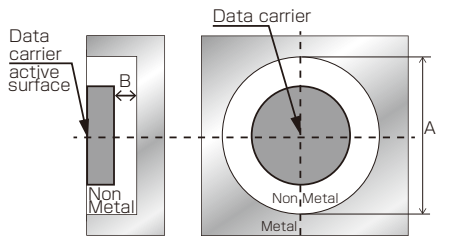
Function	Read / Write
Size	φ 45 x 0.76
Case material	PVC
Memory	128 byte(112 bytes of user's area)
Operating temperature	- 20 ... + 70 deg.C.
Storage temperature	- 40 ... + 85 deg.C.
Water resistant	No abnormalities such as damage or deformation after being immersed in water resistant tap water for 30 minutes, satisfying communication characteristics.
Memory type	EEPROM
Write cycles	100,000
Data retention time	50 years (55°C)
Installation	Double-stick tape(on body)
Mouting on metal	impossible
Weight	2.30 g

## Installation notes

### ■ Surrounding metal

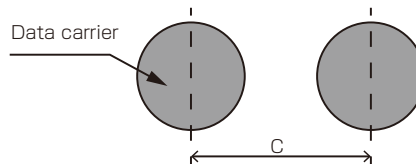
The surface of the Data carrier must not be lower than the surrounding metal.

\* In the case of using with the Z3 series antenna, the Data carrier cannot be used in metal-mounting.



### ■ Installation in side-by-side

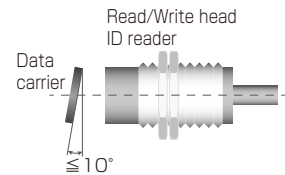
The minimum distance D between two Data carriers must be kept. In addition, the distance of mutual interference changes with Read/Write head and ID readers to be used.



### ■ Permissible inclination

The sensing surfaces of Read/write head and Data carrier should be installed in parallel.

If the inclination of Data carrier to Read/write head becomes over 10 degrees, read/write distance and offset will decrease.



(mm)

	A	B	C
Z3 series	200	60	200
Z5 series	85	20	120

- There is a possibility that the communication distance is shorter if you do not observe the conditions of the surrounding metal.  
Please note that different in the environment to be used.