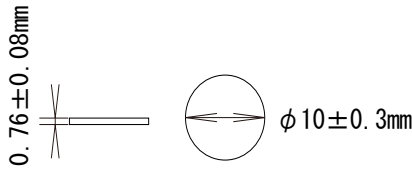


Dimension



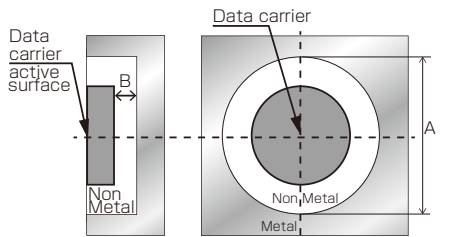
Specification

Function	Read / Write
Size	φ 10 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	possible
Weight	0.13 g

Installation notes

■ Surrounding metal

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

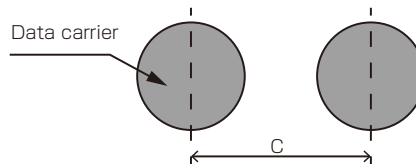


(mm)

	A	B	C
Z5 series	50	0(20)	60

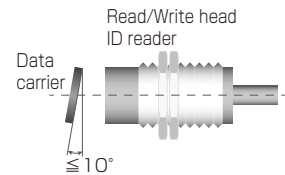
■ Installation in side-by-side

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.



- "Metal mount" means directly mounted on the metal. but it refers to the absence of metal around except rear of the Data carrier
- Value in () shows the required space to keep the communication distance as same as no-metal mounting.
- 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.
- Be sure that the surface of the data carrier does not lower than the surface of the surrounding metal.