



Model Number

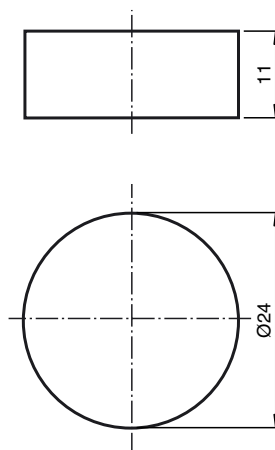
IDC-24-1K-H

Data carrier

Features

- Battery-free data carrier
- 1 kBit memory
- Readable and writable from the printed side
- Embeddable mountable in metal
- Protection degree IP67

Dimensions



Technical data

General specifications

| | |
|---------------------|------------|
| Operating frequency | 250 kHz |
| Transfer rate | 7.8 kBit/s |

Memory

| | |
|-----------------------|--|
| Type/Size | EEPROM 1 kBit |
| Read cycles | unlimited |
| Write cycles | > 500000 |
| Data retention period | 110 years at 25 °C , 18 years at 50 °C |

Ambient conditions

| | |
|---------------------|-------------------------------|
| Ambient temperature | -25 ... 70 °C (248 ... 343 K) |
| Storage temperature | -40 ... 85 °C (233 ... 358 K) |

Mechanical specifications

| | |
|------------------------|----------------------------|
| Protection degree | IP67 according to EN 60529 |
| Material | |
| Housing | PBT |
| Encapsulation compound | CY 221/HY 2966 |