



SIC279

## 12mm RFID GLASS TRANSPONDER

Silicon Craft's passive mini-RFID glass transponder, measuring 12mm x 2.12mm, operates through a 134.2 kHz half-duplex protocol powered by SIC279

Utilizing low-frequency (LF) technology, our industrial transponders are perfect for asset tagging in various use case-such as item security check, product identification or key identification.

Our products, designed with state-of-the-art techniques, incorporate exclusive intellectual property (IP) to deliver the best performance. Our transponders significantly enhance readability, setting a new standard in the industry.

### HIGHLIGHT FEATURES

- ISO 11784/11785 80-bit Industrial ID
- Long read range R/W RFID transponder
- High resistance against noise for reliable performance in challenging environments
- Operating frequency 134.2kHz
- Half-duplex communication read/write data

### MEMORY

- 192 bits EEPROM
- 100,000 Erase/Write Cycles
- 10 Years Non-Volatile Data Retention

### APPLICATIONS

- Asset Tagging
- Key Cabinet Identification
- Industrial Automation
- Animal Identification