

RFID Wooden Key Fob-spec sheet



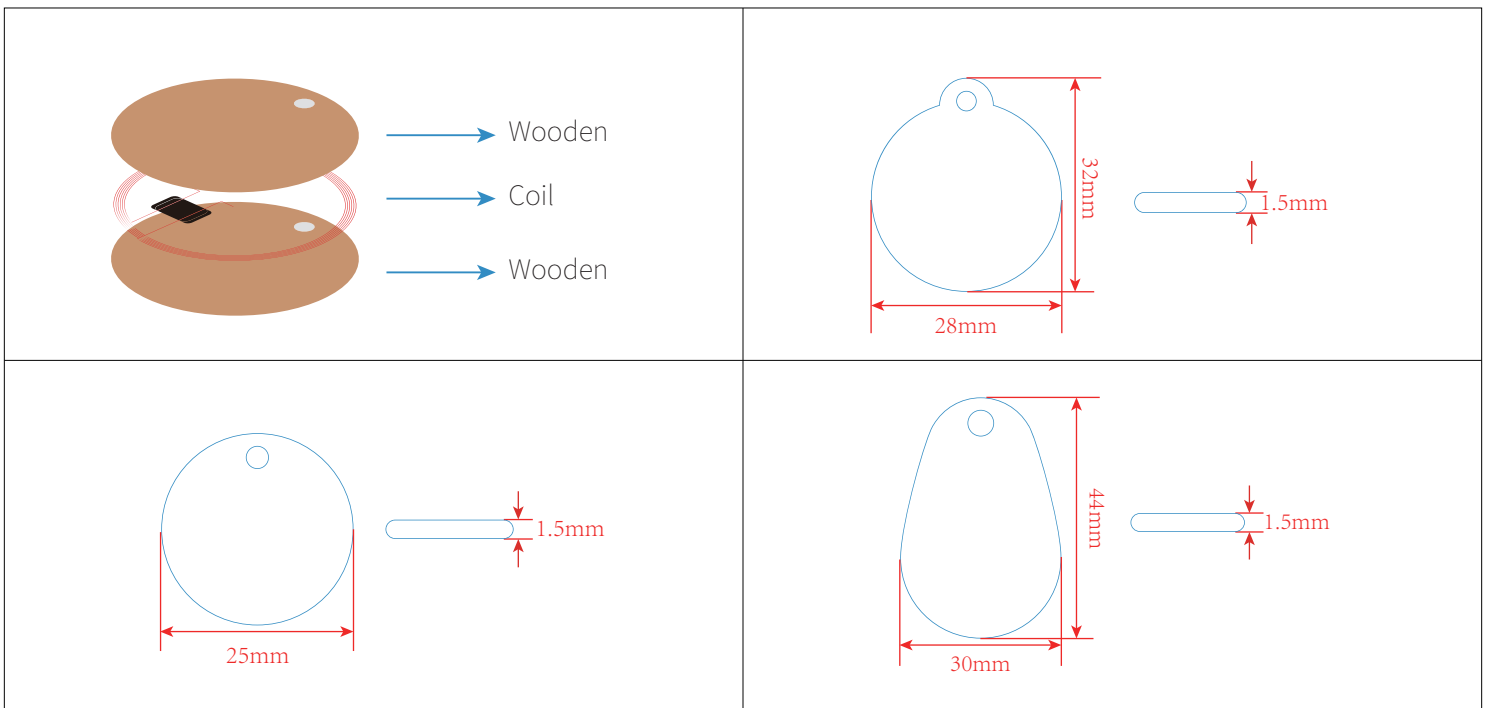
RFID Wooden Key Fob, also called Wooden Proximity keys, is made of natural wood material, delicate, firm, and no deformation. Its greatest feature is environmentally friendly, making it special and unique.

Wooden Proximity Key Fob can also be as colorful as PVC key Fob. Silk-screen printing, Laser Engraving, and CMYK full color are available. There are also many possibilities for styles of wooden Keyfob.

Parameters

Item	RFID Wooden Key Fob	Reading distance	0-10cm	Working Temperature	-25°C to 65°C
Material	Wooden	Size	Custom	Data Retention Time	10 years
Chip	LF chips/ HF chips	Memory	Depend on chips	Washable time	More than 200 times
Frequency	125 kHz or 13.56MHz	Protocol	ISO14443A		

Dimensional Diagram



Feature

- ▶ Delicate, firm, no deformation
- ▶ Environmentally friendly
- ▶ Available with stretch rope or key chain, easy to carry
- ▶ Operating range up to 100mm (depending on various parameters)
- ▶ Various shapes, colors, sizes, and crafts are available
- ▶ Support silk-screen printing, Laser Engraving, CMYK full-color printing
- ▶ LF chips, HF chips, and UHF chips are available

Available chips

LF 125kHz Chips

Chip Name	Protocol	Capacity	Frequency
TK4100	ISO 11784/11785	64 bits	125 kHz
EM4200	ISO 11784/11785	128 bits	125 kHz
EM4305	ISO 11784/11785	512 bits	125 kHz
T5577	ISO 11784/11785	330 bits	125 kHz

HF 13.56 MHz Chips

Chip Name	Protocol	Capacity	Frequency
Ntag213	ISO14443A	180 byte	13.56 MHz
Ntag215	ISO14443A	540 byte	13.56 MHz
Ntag216	ISO14443A	924 byte	13.56 MHz
MIFARE Classic 1K	ISO14443A	1 KB	13.56 MHz
MIFARE Classic 4K	ISO14443A	4 KB	13.56 MHz
MIFARE Ultralight EV1	ISO14443A	80 byte	13.56 MHz
MIFARE Ultralight C	ISO14443A	192 byte	13.56 MHz
ICODE SLIX	ISO15693	1024 bits	13.56 MHz

860~960 MHz UHF Chips

Chip Name	Protocol	Capacity	Frequency
Alien H3	ISO18000-6C	512 bits	860~960 MHz
Impinj Monza 4	ISO18000-6C	96 bits	860~960 MHz
UCODE G2iL	EPCglobal Class1Gen2	128 bits	860~960 MHz

APPLICATIONS

- Access control management
- membership management
- cashless payment
- parking management
- child pickup
- social interaction