

MAGICSTRAP®

One of the world smallest RFID tag

By miniaturizing antenna into LTCC (Low Temperature Co-fired Ceramics) substrate, Murata made one of the world smallest RFID tag

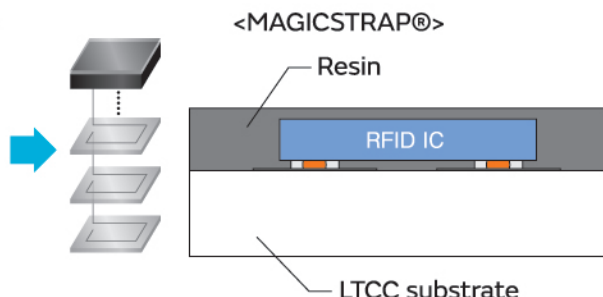
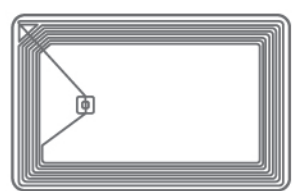


RFID tag both in HF and UHF band for Item Level Tagging (ILT) helps to prevent human error and assist in the traceability of medical equipment

Features

- Minimizes antenna and matching network into LTCC substrate

<Conventional RFID tag>



- Implantable into very limited space
- Mountable onto metal surface of molding & instruments
- Readable & rewritable without additional booster antenna
- High reliability
- Implantable at resin molding process

Specification

P/N	LXMS21NCNH-147	LXMS33HCNG-134
Standard	ISO/IEC 18000-6 TypeC, EPC/g C1G2	ISO15693
Frequency band	UHF	HF
Size	2.0x1.2x0.5 mm	3.2x3.2x0.7 mm
Read range*	5 mm	15 mm

*Based on Murata's measurement system

Application

