

HF MAGICSTRAP® Product Data Sheet

LXMS33HCNK-171

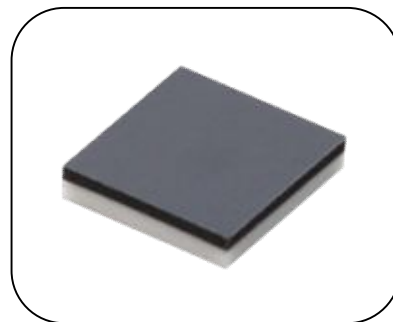


1, General Descriptions

This product is NFC Forum type2 / ISO14443 TypeA compliant tag which includes embedding antenna.

[Features]

- Ultra miniature package (3.2 x 3.2 x 0.75mmMax)
- RF antenna is embedded within substrate
- Robust package design
- NFC forum type2 compliant
- Using NXP NTAG210, 384bits user memory
- Read range: 12mm (200mW output power, 37 x 54mm antenna)
- Can be attached to a wide range of objects
- Operating temperature -40°C ~ +85°C
- 100% green material for RoHS compliance



2, Block Diagram

Figure.1 shows block diagram of this product.

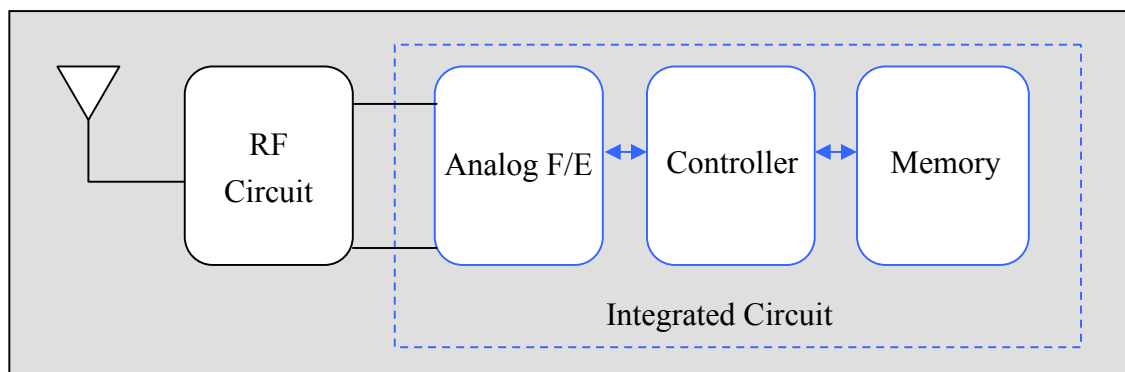


Fig1. Block diagram

3, Dimension

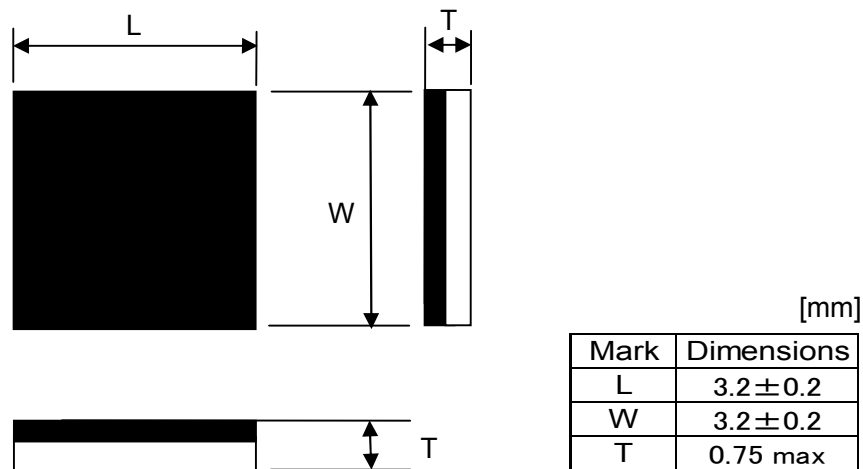


Fig.2 Package Dimension

4, Example of Electrical Performance

12mm of Read range*

*Reader/Writer : TI TRF7960 Reference Board

Reader/Writer antenna : 37x54mm on TI TRF7960 Reference Board

Output Power of Reader/Writer : 200mW

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5. Packing Information

This product is supplied by tape and reel package

5-1. Quantity per reel

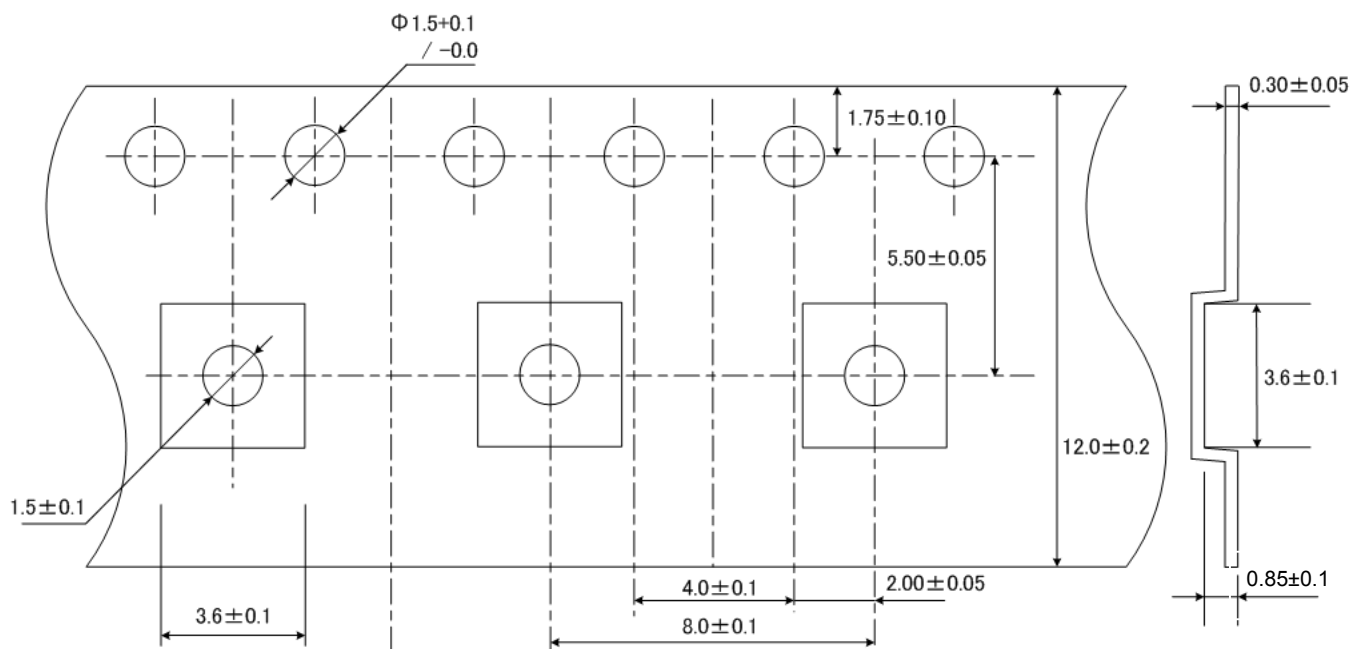
6,000pcs

5-2. Minimum order quantity

6,000pcs

5-3. Tape and Reel Packing

(1) Dimensions of Tape (Plastic tape)

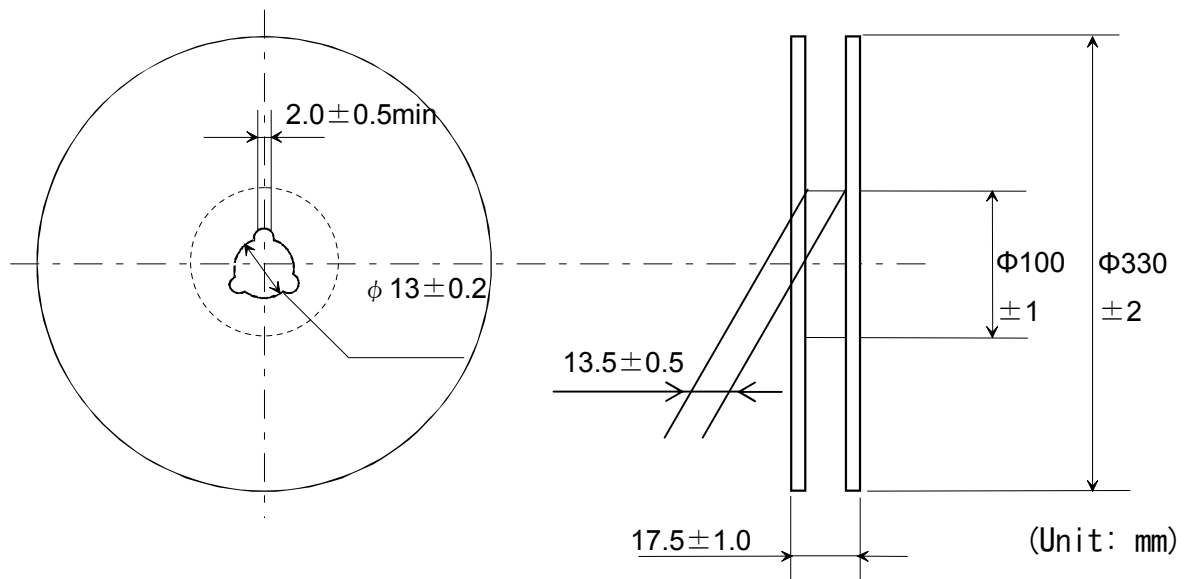


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(2) Dimensions of Reel



6. Contact window

URL : <http://www.murata.com/products/rfid/index.html>

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