## Overview

Frequency Band
NFC 13.56 MHz

## Chip

FM11RF08

## Antenna Dimensions

32X32mm/1.26X1.26inch

## International Standard

ISO/IEC 14443A

## Applications

NFC
Access control
Micro-payment

Technical Features

This square antenna represents an excellent option which is suitable for access control, Micro-payment and any other NFC applications, etc.

Each NFC Label has a unique serial number, and the chip itself has an encryption algorithm, which encrypts the written data to prevent the data from being copied into counterfeit products

OSRFID has an in-house R\&D team well equipped with state of art Lab equipment which can customize a suitable label for your real-world applications.

| Model | OS21042 | OS23115 |
| :---: | :---: | :---: |
| Delivery Format | Dry Inlay | Label |
| Memory | 1 KBytes | 1 KBytes |
| User Memory | 752 Bytes | 752 Bytes |
| Die-cut Dimension | - | $35^{*} 35 \mathrm{~mm}$ |
| Inlay Substrate | 50 um PET | 50 um PET |
| Standard Pitch | 49.5 mm | 43.18 mm |
| Web Width | 42 mm | 51 mm |
| Core Size | $76.2 \mathrm{~mm} / 3 \mathrm{inch}$ | $76.2 \mathrm{~mm} / 3 \mathrm{inch}$ |
| Quantity / Reel | $10000 \pm 300 \mathrm{Pcs} /$ Reel | $2500 \pm 2 \mathrm{Pcs} /$ Reel |
| Operating <br> Temperature | $-20^{\circ} \mathrm{C}$ to $+50^{\circ} \mathrm{C}$ | (20\% to 80\%RH) |
| Remarks | Other size can be customized. |  |

