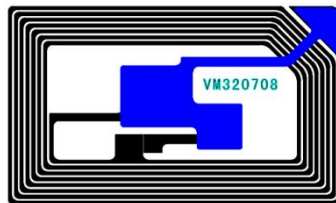# Overview

Frequency Band
NFC 13.56MHz

Chip
FM11RF08

Antenna Dimensions
37X22mm/1.46X0.87inch

International Standard
ISO/IEC 14443A

Applications
NFC

Access control

Micro-payment

This 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.

Technical Features

Model	OS21020	OS22012	OS23346
Delivery Format	Dry Inlay	Wet Inlay	Label
Memory	1KBytes	1KBytes	1KBytes
User Memory	752Bytes	752Bytes	752Bytes
Die-cut Dimension	-	40*25mm	40*25mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	32mm	32mm	32mm
Web Width	56mm	56mm	58mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000±300Pcs/Reel	5000±2Pcs/Reel	2500±2Pcs/Reel
Operating Temperature	-20℃ to +50℃ （20% to 80%RH）		
Remarks	Other size can be customized.		