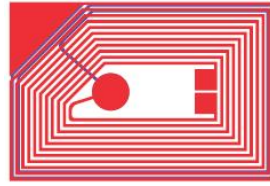# Overview

Frequency Band

NFC 13.56MHz

Chip

NXP NTAG213

Antenna Dimensions

18X12 mm/0.71X0.47inch

International Standard

ISO/IEC 14443A

Applications

NFC

Electronics

Gaming and Toys

Product Authentication

This antenna represents an excellent option which is suitable for electronics, anti-counterfeiting,gaming and toys, 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	OS21220	OS22144	OS23875
Delivery Format	Dry Inlay	Wet Inlay	Label
Memory	180 Bytes	180 Bytes	180 Bytes
User Memory	144 Bytes	144 Bytes	144 Bytes
Die-cut Dimension	-	20*15mm	20*15mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	28mm	28mm	28mm
Web Width	30mm	30mm	35mm
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.		