

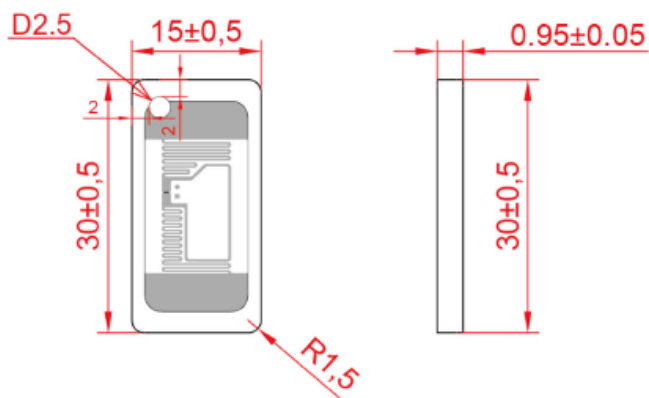
UHF Jewelry Tag



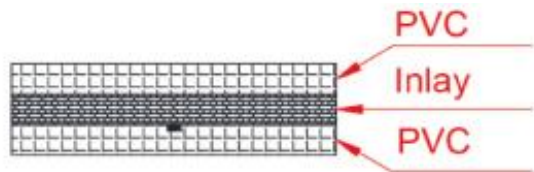
1. Performance Specifications

RFID Chip	NXP UCODE 8
Protocol	ISO/IEC 18000-6C, EPC Global Class1 Gen 2
Operating Frequency	UHF : 860~960 MHz
Operating Mode	Passive (Battery free)
Memory	48 bit TID, 128 bit EOC, 0 bit User Memory
IC Life	100,000 Programming cycles, 10 years data retention
Read distance	Average reading distance : 0.8 m (Reader and Environment Dependent)

2. Mechanical Dimensions



3. Product Structure



Face material	White PVC sheet
Antenna material	PET+AL

4. Environment Requirement

Operating Temperature/Humidity	-25°C ~ 55°C / 20% ~ 80% RH
Storage Temperature/Humidity	-30°C ~ 65°C / 20% ~ 60% RH
Shelf Life	2 year in anti-static bag at -20°C ~ 30°C / 20% ~ 60% RH
ESD Voltage Immunity	2 kV (HBM)