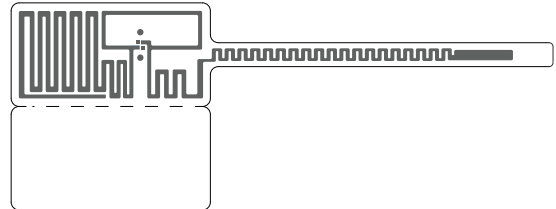**RFID**market®
RFID & Accessory Shopping

Professional RFID Tag solutions Provider

T50J Jewellery Label

It is specially for Jewelry industries and other valued goods tracking applications, by reducing the amount of time required for inventory counts, as well as eliminating shrinkage and providing better control over store inventory.
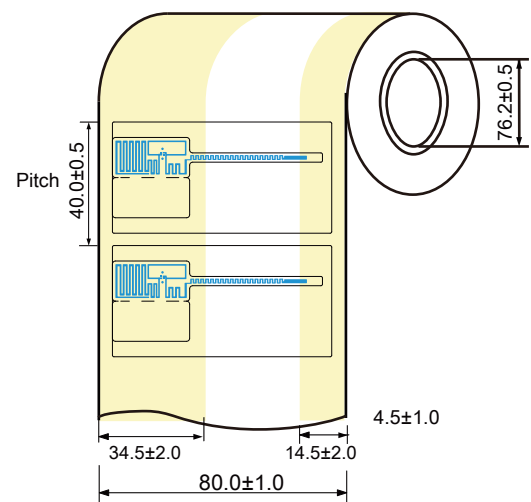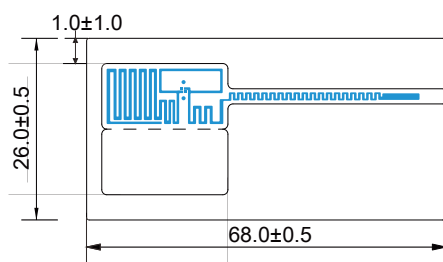

JEWELLERY TRACKING

Physical Specification

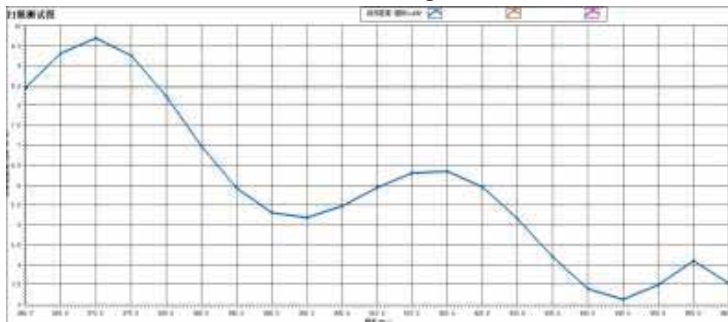|	
Antenna Size (mm/in):	66×11mm/2.6×0.43in
Die-cut Size (mm/in):	68×26mm/2.68×1.02in
Antenna substrate material:	Aluminun
Liner material:	Synthetic paper
Standard pitch:	40mm/1.57in
Standard web widths:	80mm/3.15in

Inlay Roll Format/Finishing

1.0±1.0

26.0±0.5

68.0±0.5

Pitch
40.0±0.5
76.2±0.5
4.5±1.0
34.5±2.0
14.5±2.0
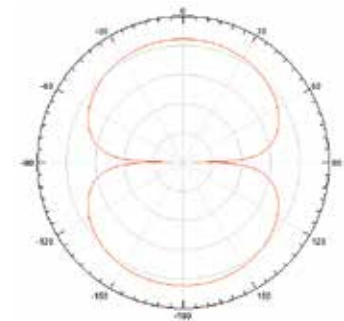80.0±1.0

Electrical Specification

Protocol:	ISO/IEC 18000-6C & EPC global Class 1 Gen 2
Operating Frequency:	860 - 960MHz
Integrated Circuit [IC]:	Monza 5 or customized
EPC Memory:	128Bits
User Memory:	0Bits
Unique TID:	48Bits
Access Password:	32 Bits
Kill Password:	32 Bits
RFID Read Range:	Up to 9m (Fixed Reader power - 27dbm)
Expected read cycles:	100,000 cycles

Radiation Patterns

Read Range

Orientation Sensitivity

Packing information

Average number of units per roll:	3000 pcs
Core size:	76.2mm(3")
Maximum roll outer diameter:	≤25cm
Quality Assurance:	100% performance tested

Environmental

Operating Temperature:	-20℃ ～60℃
Operating Humidity:	30%～70%
Storage Temperature:	-20℃ ～60℃
Storage Humidity:	30%～70%
ESD:	≤2KV