

SM-TF8013-C17 Series

UHF Embedded

Feature

- ✓ Support EPCglobal C1 Gen2 and ISO 18000-6C standard
- ✓ Apply Impinj latest Moza R6 chip-set
- ✓ FastID technology supporting fast Inventory
- ✓ TagFocus technology for easy reading
- ✓ Advanced data integrity and error detection capabilities
- ✓ Industry-leading memory write speed, up to 3000 units per minute
- ✓ 96 bit EPC code
- ✓ 48-bit Sequence ID Code Guarantees Uniqueness and Non-duplication
- ✓ Own the industry's best reading and writing sensitivity and excellent anti-interference ability to achieve exceptional reading and writing reliability

SM-TF8013-C17 series UHF inlays adopt Impinj's latest Mozia R6 chip and support ISO18000-6C (EPCglobal C1G2) standard. They have good consistency, high sensitivity, strong anti-interference ability and excellent multi-label read-write performance. They are suitable for logistics, storage management, retail and other fields.

This series of electronic tags can be used in the frequency range of 860 MHz to 930 MHz. The tag chip contains automatic tuning mechanism (this function makes the performance of electronic tags more stable in common media environment), and has excellent environmental adaptability.

The tag has high reading and writing efficiency, advanced data integrity and error detection capabilities. In addition, the tag contains anti-collision mechanism and self-restraint function of read tags. It performs better than common tags in multi-tag recognition applications.

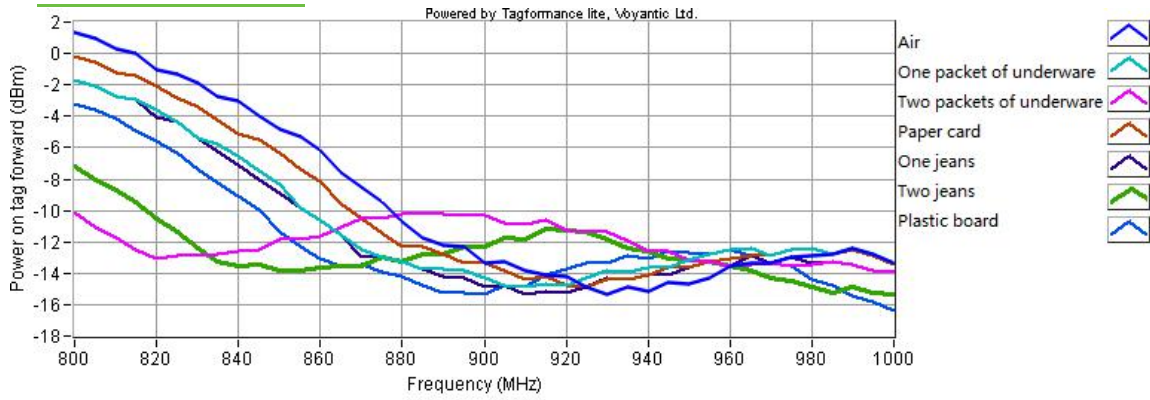
The electronic tag is tested strictly in the design process to ensure that the product has good performance. In addition, advanced production technology is adopted in the manufacturing process, which minimizes the differences brought about by production.

Application

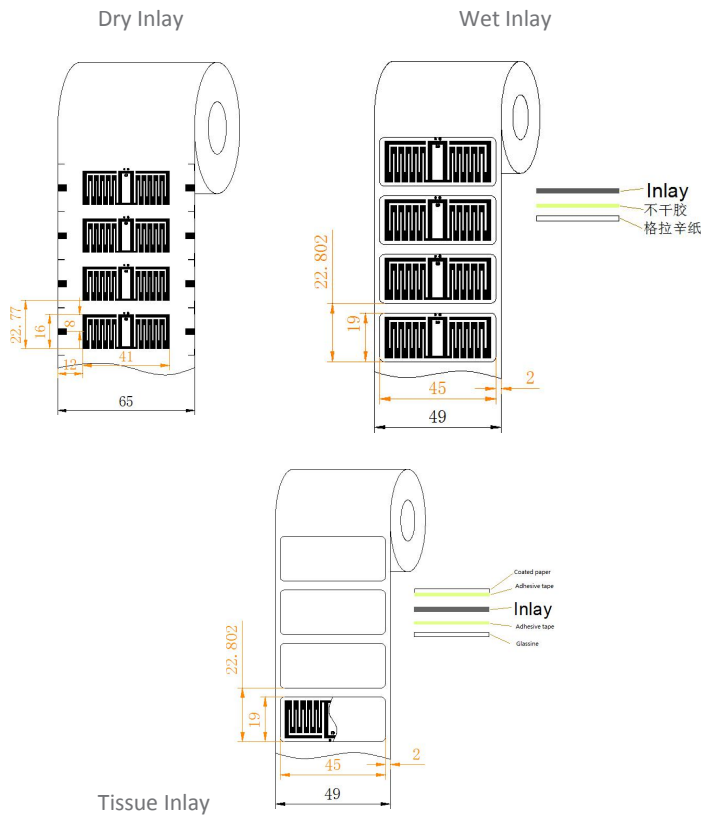


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Frequency Respond



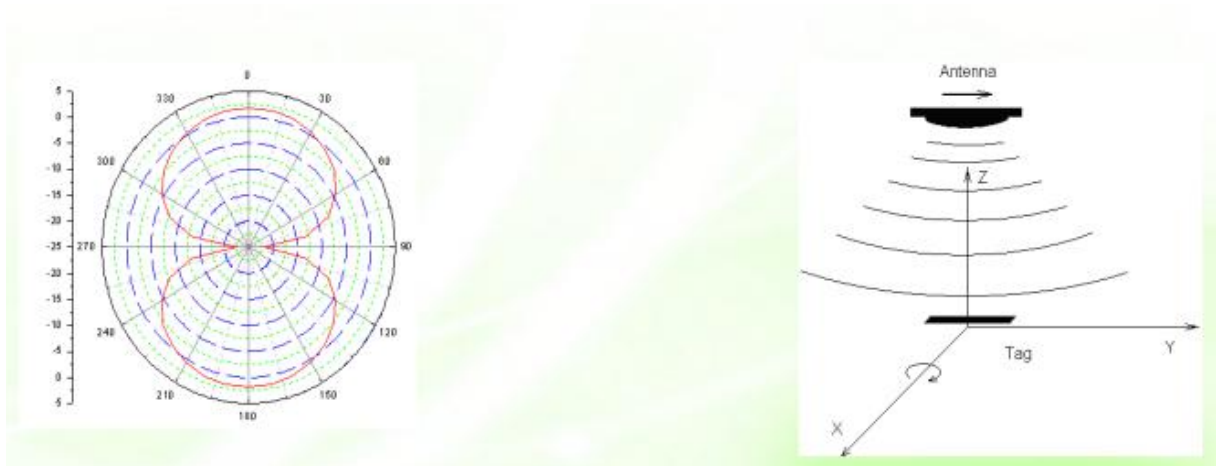
Embed Size



Unit : mm

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Radiation Direction Picture



SM-TF8013-C17

Series Specification

UHF
Embedded

Physical parameter	Dry embedded	Wet embedded	Tissue embedded
Material	IC,PET and Aluminum foil antenna	Inlay, adhesive tape and glassine	Coated paper, inlay, adhesive tape and glassine
Size	41mm×16mm	45mm×19mm	45mm×19mm
Weight			
Package material	Corrugated box		
Quantity	5000pcs/ rolls , 4 rolls / carton	5000pcs/ roll , 8 rolls / carton	5000pcs/ roll , 8 rolls / carton
Environment parameter			
Limit working conditions	-40°C ~ +85°C /20% ~ 90%RH		
Recommended working conditions	-10°C ~ +70°C /20% ~ 90%RH		
Limit Storage Conditions	-20°C ~ +70°C /20% ~ 90%RH		
Recommended storage conditions	+25°C ±2°C /65%RH		
Performance Parameter			
Working frequency band	860-930MHz		
Support standard	EPCglobal C1 Gen2 and ISO18000-6C		
Read distance	0m ~ 5m (relative to configuration situation)		
Write distance	0m ~ 2m (relative to configuration situation)		
Working mode	Reading and writing		
Polarization mode	Liner polarization		
Conflict prevention	Support muti-tag reading		
Data preservation	50 years		
Rewrite cycle	100 thousand times		