



XC-TF8029-C17 Series

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
- ✓ 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
- ✓ Applying objects:
jeans, underwear, purse, carton box, wooden package box, plastic tray, glass, etc.

SM-TF8029-C17 series UHF inlays adopt Impinj's latest Moza R6 chip and support the 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 tags can be used in 840 MHz to 960 MHz frequency band. The tag chip contains automatic tuning mechanism (this function makes the tag 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.

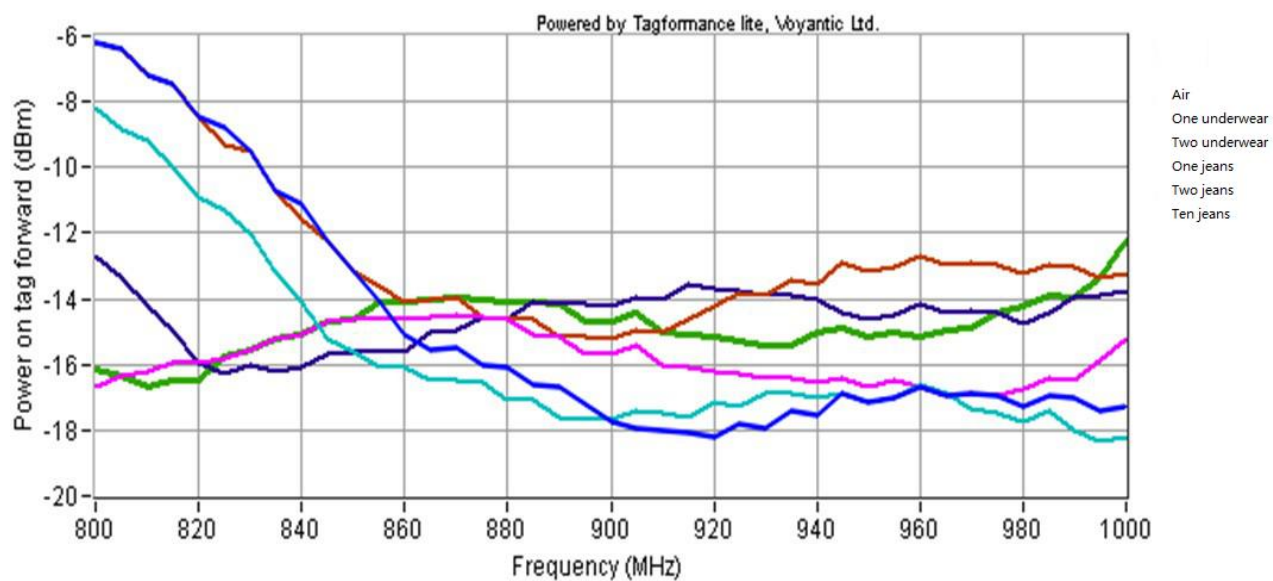
The electronic tag is tested strictly in the design process to ensure that the product has good performance. In addition, advanced production technology is adopted in the manufacturing process, which minimizes the differences brought about by production.

Application



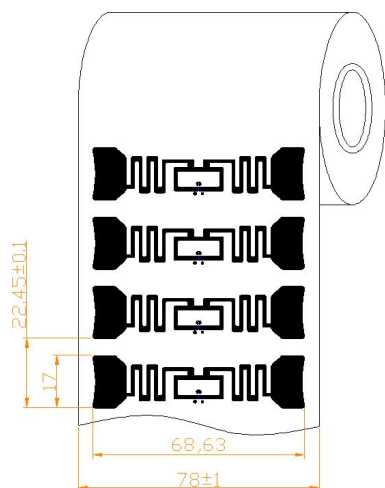
SCANMAX

Frequency Respond

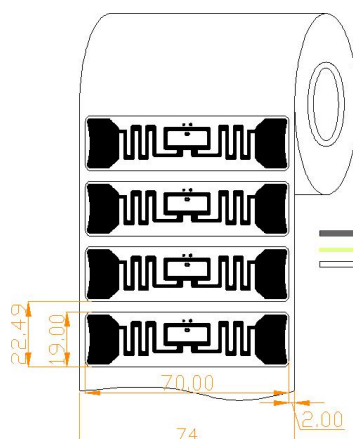


Embed Size

Dry Inlay

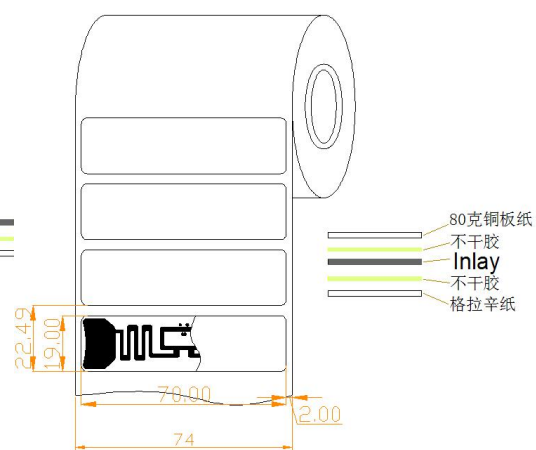


Wet Inlay

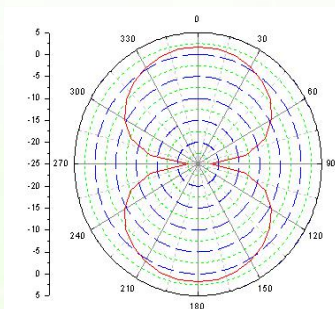


Unit : mm

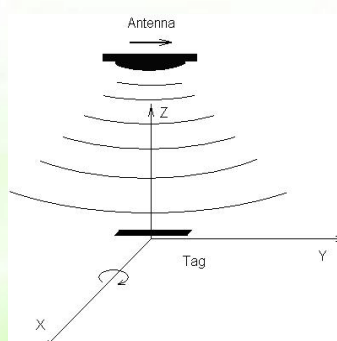
Tissue Inlay



Radiation



Radiation



SM-TF8029-C17

Series

UHF Embed

Physical parameter	Dry embedded	Wet embedded	Tissue embedded
Material	IC,PET and Aluminum foil antenna	Inlay, adhesive tape and glassine	Inlay, glassine and 80g coated paper
Size	69mm×17mm	70mm×19mm	70mm×19mm
Weight	4.84Kg±0.05kg/ roll * 10.68Kg±0.20Kg/ carton *	2.78kg±0.05kg/ roll * 6.06kg±0.20kg/ carton *	1.90±0.05kg / roll * 4.30±0.05kg / carton *
Package material	Corrugated box		
Package Size	350mm×350mm×180mm	265mm×253mm×180mm	265mm×253mm×180mm
Quantity	20000pcs/ roll ×2 roll	10000pcs/ roll ×2 roll	4000pcs/ roll ×4 roll
Environment parameter			
Limit working conditions	-40℃ ~ +85℃ /20% ~ 90%RH		
Recommended working conditions	-10℃ ~ +70℃ /20% ~ 90%RH		
Limit Storage Conditions	-20℃ ~ +70℃ /20% ~ 90%RH		
Recommended storage conditions	+25℃ ±2℃ /65% RH		
Performance Parameter			
Working frequency band	840-960MHz		
Support standard	EPCglobal C1 Gen2 与 ISO18000-6C		
Read distance	0m ~ 8m (relative to configuration situation)		
Write distance	0m ~ 4m (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		