



## Clear Tag

## **FEATURES**

- Laminated with transparent Polyester with multi read/write capability.
- Dust & Waterproof.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

## **APPLICATIONS**

- Can easily be placed in any custom designed Keyfob, wristband etc.
- Used in asset tracking applications as it can be reused.
- It is widely used in supply chain, service industries, distribution logistics and manufacturing companies to identify goods & objects in an industrial environment.

Chip Type:  256 bits, organized in 8 pages of 4 byte each  Data retention of 10 years  Write endurance 100.000 cycles  Outer Dia.  Thickness 0.7mm  Material PET Colour Clear Weight 0.9 g Antenna Type Wire Antenna  Electrical:  Operating Frequency Operating mode Passive (battery-less transponder)  Ingress Protection:  IP54  Storage Temp.  -40° C to +60° C	Chip Type:	HitagS 256 bit 125 KHz		
Mechanical:  Outer Dia.  Thickness 0.7mm  Material PET  Colour Weight 0.9 g  Antenna Type Wire Antenna  Operating Frequency Operating mode  Ingress Protection:  Data retention of 10 years Write endurance 100.000 cycles  27mm  PET  Colour Clear Weight 0.9 g  Antenna  Passive (battery-less transponder)		256 bits, organized in 8 pages of 4 byte each		
Mechanical:    Outer Dia.   27mm		Data retention of 10 years		
Mechanical:    Thickness   0.7mm		Write endurance 100.000 cycles		
Mechanical:    Thickness   0.7mm				
Mechanical:    Material	Mechanical:	Outer Dia.	27mm	
Colour Weight 0.9 g Antenna Type Wire Antenna  Operating Frequency 125 KHz Operating mode Passive (battery-less transponder)  Ingress Protection:  IP54  Storage Temp40°C to +60°C		Thickness	0.7mm	
Weight 0.9 g  Antenna Type Wire Antenna  Operating Frequency 125 KHz Operating mode Passive (battery-less transponder)  Ingress Protection:  IP54  Storage Temp40°C to +60°C		Material	PET	
Antenna Type  Wire Antenna  Operating Frequency 125 KHz Operating mode Passive (battery-less transponder)  Ingress Protection:  IP54  Storage Temp40°C to +60°C		Colour	Clear	
Electrical:  Operating Frequency Operating mode  Passive (battery-less transponder)  Ingress Protection:  IP54  Storage Temp.  -40°C to +60°C		Weight	0.9 g	
Ingress Protection:    Passive (battery-less transponder)   Possive (battery-less transponder)    -40°C to +60°C		Antenna Type	Wire Antenna	
Ingress Protection:    Passive (battery-less transponder)   Possive (battery-less transponder)    -40°C to +60°C				
Operating mode  Passive (battery-less transponder)  Ingress Protection:  IP54  Storage Temp.  -40°C to +60°C	Electrical:	Operating Frequency	125 KHz	
Storage Temp40°C to +60°C		Operating mode	Passive (battery-less transponder)	
Storage Temp40°C to +60°C				
Storage Temp40°C to +60°C	Ingress Protection:	IP54		
Thermal: -40°C to +60°C				
	Thermal:	Storage Temp.	-40°C to +60°C	
Operating Temp25°C to +60°C		Operating Temp.	-25°C to +60°C	
Part Number: 114N1	Part Number:	114N1		
Options: Other IC type, Size and Shape on request	Options:	Other IC type, Size and Shape on request		

<sup>\*</sup>Preliminary Data Sheet: Certain specification subject to change.