



M-Tudor (Max) Tag

FEATURES

- M-Tudor (Max) Tag is very small in size & has very good read range, especially when attached to metal.
- Can be used with cable ties through its mounting hole.
- Flexible Read/Write Range (reader dependant).

APPLICATIONS

- Used in IT asset tracking applications such as backup tapes, servers, hard drives, and media tapes without any human intervention.
- Inventory control of small tools and manufacturing equipment, servers, and network routers.

Chip Type:	Alien Higgs 9, GS1 Class 1 Gen 2				
	EPC Memory: Up to 496-EPC Bits (nominally 96 bits)				
	User Memory: Up to 688 Bits				
	Data Retention: 50 Years				
	Write Endurance: 200,000 Cycles				
Mechanical:	Dimension	50 x 13 x 6 mm			
	Face Material	TPU			
	Colour	Black			
	Weight	4.6g			
Electrical:	Operating Frequency	865-868MHz, ETSI Frequency			
	Operating mode	Passive (battery-less transponder)			
Ingress Protection:	IP68				
Thermal:	Storage Temp.	-25°C to +85°C			
	Operating Temp.	-25°C to +85°C			
Part Number:	663V1				
Options:	Available with:				
	Other IC type and Frequency on request.				
	Other Colour combination & material				
	Adhesive backing for easy mounting				
	Non-metallic application				



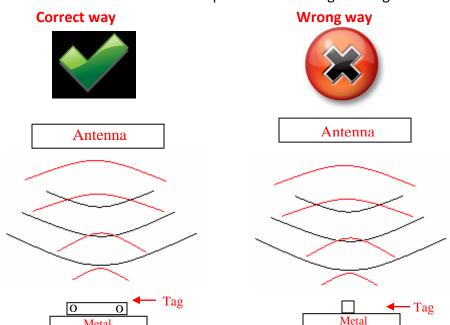
Note: Tolerance applicable are Length: ±1mm, Width: ±0.5mm and Thickness: ±0.3mm

Tag Placement

♣ M-Tudor (Max) is polarized perpendicular to length of tag.



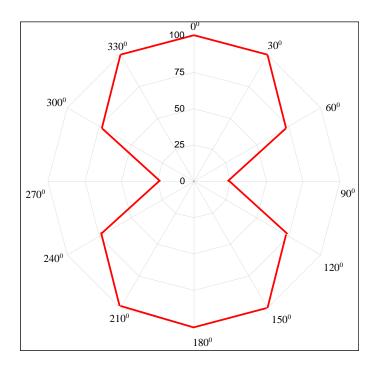
- ♣ Place the tag in such a way that most of its bottom area comes in direct contact with metal.
- Ensure that there is no hindrance between the tag and the reader antenna.
- ♣ Reader antenna should be parallel to the length of tag as shown in below figure:

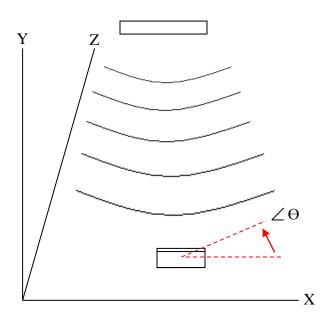


♣ Tag can be attached through adhesive tape, cable tie or can be hanged through nylon thread.

M-Tudor (Max) Tag Angular Sensitivity

(Relative Read Range vs. Orientation)





Read range (in percent) at various angle.

Tag is rotated in the X-Y plane about the z axis