



M-Armada Tag (High Memory-2K bit)

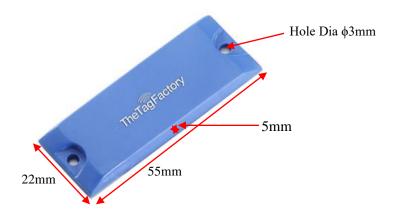
FEATURES

- Operates effectively with good read range, especially when attached to metal.
- Rugged construction for high durability.
- Can be attached by screws with the help of two holes
- Can also be provided with Adhesive tape for easy attachment.
- Flexible Read/Write Range (reader dependant).

APPLICATIONS

- M-Armada is ideal for applications that require high memory for storing information of Equipment, Parts, Containers, railway and warehousing management such as manufacturing, repair etc.
- Factory automation, Automotive & Security purpose.

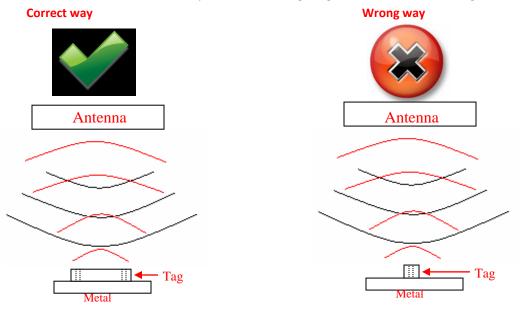
Chip Type: Discrimination	Chip Type:	Qstar-35, Compatible with EPC global Class 1 Gen 2 & ISO/IEC 18000-6C	
Data Retention: 30 years Write Endurance: 100,000 cycles Dimension		EPC Memory: 96 bits extendable up to 496 bits	
Mechanical: Dimension 55 x22 x 5mm Material ABS Colour Blue Weight 5.6 g Dimension 55 x22 x 5mm Material ABS Colour Blue Weight 5.6 g Derating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP68 Thermal: Storage Temp. Operating Temp. -25°C to +85°C Operating Temp. -25°C to +85°C Operating Temp. -25°C to +85°C Operating Temp. Options: Options: Other Frequency on request.		User Memory: 2K bits	
Mechanical: Dimension Material ABS Colour Blue Weight 5.6 g Operating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP68 Thermal: Storage Temp. Operating Temp. -25°C to +85°C Operating Temp. -25°C to +85°C Operating Temp. -25°C to +85°C Operating Temp. Ope		Data Retention: 30 years	
Mechanical: Material Colour Blue Weight 5.6 g Coperating Frequency Operating mode Departing mode Material Storage Temp. Operating Temp. Part Number: 369W1 Available with: User Memory 4K, 8K & 64K on request. Other Frequency on request.		Write Endurance: 100,000 cycles	
Mechanical: Material Colour Blue Weight 5.6 g Coperating Frequency Operating mode Departing mode Material Storage Temp. Operating Temp. Part Number: 369W1 Available with: User Memory 4K, 8K & 64K on request. Other Frequency on request.			
Colour Weight 5.6 g Electrical: Operating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP68 Storage Temp. Operating Temp25°C to +85°C Operating Temp25°C to +85°C Part Number: 369W1 Available with: User Memory 4K, 8K & 64K on request. Options: Other Frequency on request.	Mechanical:	Dimension	55 x22 x 5mm
Weight 5.6 g Coperating Frequency Operating mode Ingress Protection: IP68 Storage Temp.		Material	ABS
Electrical: Operating Frequency Operating mode Passive (battery-less transponder) Ingress Protection: IP68 Storage Temp. Operating Temp25°C to +85°C -25°C to +85°C -25°C to +85°C Operating Temp. Available with: User Memory 4K, 8K & 64K on request. Options: Other Frequency on request.		Colour	Blue
Ingress Protection: Storage Temp.		Weight	5.6 g
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Operating mode Passive (battery-less transponder) Ingress Protection: IP68 Storage Temp25°C to +85°C Operating Temp25°C to +85°C Part Number: 369W1 Available with: User Memory 4K, 8K & 64K on request. Options: Other Frequency on request.	Electrical:	Operating Frequency	865-868MHz, (902-928MHz also available on request)
Thermal: Storage Temp25°C to +85°C Operating Temp25°C to +85°C Part Number: 369W1 Available with: User Memory 4K, 8K & 64K on request. Options: Other Frequency on request.		Operating mode	Passive (battery-less transponder)
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Available with: User Memory 4K, 8K & 64K on request. Options: Other Frequency on request.			
User Memory 4K, 8K & 64K on request. Options: Other Frequency on request.	Part Number:		
Options: Other Frequency on request.	Options:	Available with:	
Other plastic material and colors.		Other Frequency on request.	
and plants materials.		Other plastic material and colors.	
Adhesive backing for easy mounting (indoor application).		Adhesive backing for easy mounting (indoor application).	



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

Tag Placement

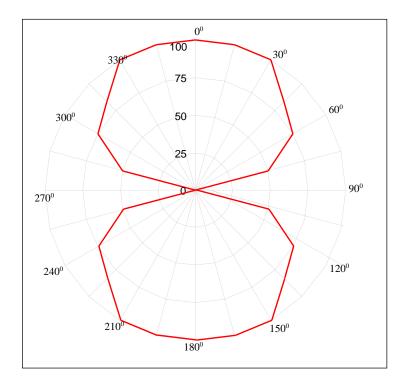
- ♣ M-Armada is polarized parallel to the length.
- ♣ Place the tag in such a way that most of its bottom area comes in direct contact with metal.
- ♣ Ensure that there is no hindrance between the tag and the reader antenna.
- ♣ Reader antenna should be parallel to the tag length as shown in below figure:

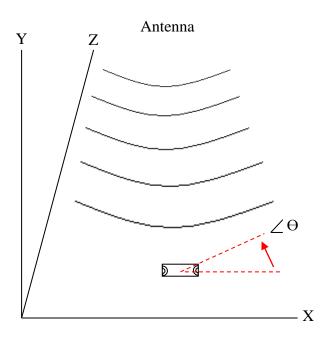


- ♣ Tag can be attached either through screw M3/ Rivets / Adhesive tape.
- ♣ The distance between the hole to hole is 47mm

M-Armada Tag orientation 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