GAO RFID's 13.56 MHz High Frequency Mount on Metal MIFARE® RFID Tag is specially designed to be mounted directly on metal surfaces. Utilizing an anti-metal layer, it has high immunity to interference caused by metal. The smart tag is encapsulated with epoxy and is suitable for use under various environments including hot and cold temperatures and high humidity. It is suitable for applications such as item identification, process control and factory automation, access control and security, inventory control and supply chain management.

This HF RFID MIFARE® tag works perfectly when placed on metal surface such as on metal pallets, dollies, vehicles, engine parts, warehouse racking and metal containers. The tag is fixed to tracking items by screws or adhesive.

APPLICATIONS

- ❏ Item identification
- ❏ Process control and factory automation
- ❏ Access control and security
- ❏ Inventory control and supply chain management

13.56 MHz High Frequency Mount On Metal Tag
Product ID **113418**

KEY FEATURES

- ❑ Strong housing ensures high performance under harsh environments.
- ❑ Resistant to interference from metal.
- ❑ NFC compatible.
- ❑ Mounts with screws or adhesive.
- ❑ RoHS compliant.

TECHNICAL SPECIFICATIONS

Operating Frequency	13.56 MHz		
ICs	I-CODE SLI	MIFARE® Ultralight (NXP)	MIFARE® 1K (NXP)
Model	113418i	113418mu	113418ml
RF Protocol	ISO15693/ ISO18000-3	ISO14443 A	ISO14443 A
Memory	1024 bit R/W Memory	512 bit R/W Memory	1024 byte R/W Memory
Tag Dimension	2.75 in × 1.27 in × 0.32 in (70 mm × 32.5 mm × 8.2 mm) +/-0.1 mm		
Approx. Weight	0.03 lbs (18 g)		
Color	Black/ White		

TECHNICAL SPECIFICATIONS

Housing	ABS Shell, Filling epoxy
Protection Rating	IP68
Operating Temperature	-13 °F to 140 °F (-25 °C to 60 °C)
Storage Temperature	-40 °F to 158 °F (-40 °C to 70 °C)
Resistance	Harsh environments; water/dust proof
Options	
Custom Logo	Silk-screen printing/Laser engrave
ID Number Printing	Jet dot printing, Laser engraving

ORDERING INFORMATION

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113418i	I-CODE SLI	ISO15693/ ISO18000-3	1024 bit R/W Memory
113418mu	MIFARE® Ultralight (NXP)	ISO14443 A	512 bit R/W Memory
113418ml	MIFARE® 1K (NXP)	ISO14443 A	1024 byte R/W Memory