

UHF Ceramic RFID Tag For High Temperature-spec sheet



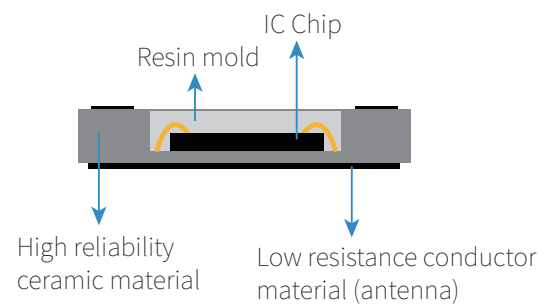
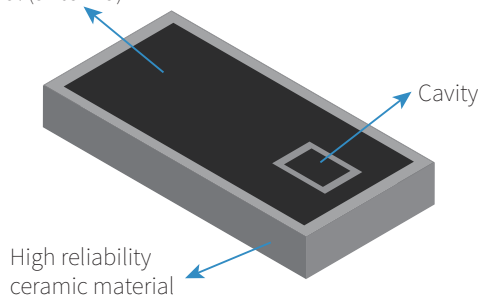
RFID Ceramic Tags designed for on the metal application, it is made of rugged ceramic material, it can be used for the indoor environment such as logistic tracking, identification, asset tracking, pallet tracking. there are a various size which can be embedded into a device or directly adhesive on metal.

Parameters

Item	UHF Ceramic RFID Tag For High Temperature	Material	Ceramic material	Working Temperature	-25°C to 65°C
Eeprom	96bit EPC, 512bit User	Size	25*25*3mm	Data Retention Time	10 years
Chip	Alien H3	R/W	Read/ Write	Installation mode	3M300LSE back glue, strong glue
Frequency	860-960 MHz	Reading Distance	0-10cm	Write Endurance	100000 times
Protocol	ISO 18000 6C	Color	black		

Dimensional Diagram

Low resistance conductor material (antenna)



Available chips

860~960 MHz UHF Chips

Chip Name	Protocol	Capacity	Frequency
Alien H3	ISO18000-6C	512 bits	860~960 MHz
Impinj Monza 4	ISO18000-6C	96 bits	860~960 MHz
UCODE G2iL	EPCglobal Class1Gen2	128 bits	860~960 MHz

Feature

- ▶ Long reading distance
- ▶ The installation mode is flexible and convenient
- ▶ There are European standard and American standard
- ▶ Customers can choose Alien H3, Impinj M4QT, M4E, M4D chips
- ▶ Optional surface with ABS shell

APPLICATIONS

- Chassis Management of IT facilities
- Medium and small metal containers
- Power boxes and power facilities
- Indoor office equipment and facilities with metal shell
- Patrol and inspection of personnel
- Metal pallet management
- Cylinder management