

HF RFID Tag (High Temperature Token Tag)



Part Number :

<u>E</u>	<u>H</u>	<u>I</u>	-	<u>DHT</u>	<u>30</u>	-	<u>IC01</u>
(1)	(2)	(3)		(4)	(5)		(6)
(1) Elastic RFIDTech Co.				(4) Item : Disc (High Temp.)			
(2) Frequency : HF				(5) Diameter : mm (as below)			
(3) Category : Tag				(6) IC Type NO. (as below)			



Description :

The HF (13.56MHz) RFID High Temperature Token Tag (Transponder) is an RFID inlay embedded in PPS + Epoxy. It's suitable for various kinds of applications in high temperature environment like laundry or product authentication. It's available in different sizes and chips for different read range, memory size and write mode depends on the application.

Specifications :

- Frequency : 13.56MHz
- Material : PPS + Epoxy
- Thickness : 2.5mm
- Weight : Depends on the part
- Operating Temperature : -20°C to 90°C
- Diameter : 9 / 10 / 11 / 12 / 13 / 14 / 15 / 16 / 17 / 18 / 20 / 22 / 24 / 26 / 28 / 30mm
- Storage Temperature : -20°C to 90°C for 1000 Hours / 160°C for 35 Hours / 220°C for 30 seconds

Applications :

- Laundry
- Product Authentication
- Process Automation
- Asset Management

IC Type NO.	ISO Standard	Memory	Function	IC Type	Supplier
IC01	14443A	512 bits	R / W	Mifare Ultralight	Philips
IC02	14443A	1K bytes	R / W	Mifare S50	Philips
IC03	14443A	4K bytes	R / W	Mifare S70	Philips
IC04	15693	256 bits	R / W	Tag-it™ Pro	Texas Instrument
IC05	15693	1024 bits	R / W	ICODE 2	Philips
IC06	15693	2048 bits	R / W	Tag-it™ Plus	Texas Instrument

* Remark : IC06 only accept the diameter bigger than 15mm