

Aircoil

Overview

Frequency Band

HF 13.56 MHz

Chip

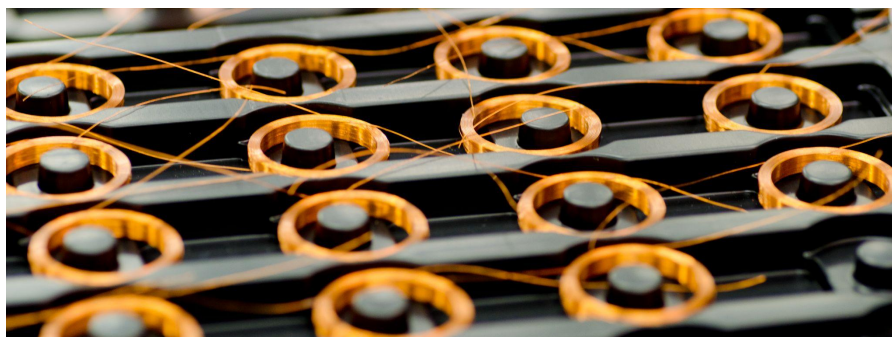
Fujitsu FRAM 2k rev.C
Fujitsu FRAM 8k

Industry Segments

Healthcare
Logistics
Industrial Applications

Applications

Supply Chain Management
Asset Tracking
Returnable Transport Units (RTUs)



The right choice for demanding conditions

Our Aircoil product family is a robust solution purpose-built for use in severe industrial environments.

The Aircoil can be embedded into different plastic housings, the finished tag is the right choice for outside applications as it is very compact and resistant. It is ideal for items that need to be securely identified and that are regularly subjected to high thermal and/or mechanical stress conditions. Examples include items that pass hot water cleaning processes or are used in other high temperature environments found in some heavy industries.

Aircoil with Fujitsu FRAM IC is especially designed for different kinds of medical applications due to the bigger memory size and resistance to gamma radiation.

Thanks to its new molding and specific modified thermoplastic, the Aircoil can withstand long water immersion, chemicals and high temperatures.

Equipped with an anti-collision feature it offers the advantage that several tags can be read at the same time thus accelerating and simplifying processes.

Technical features

Chip	Fujitsu FRAM 2k rev.C	Fujitsu FRAM 8k
Total Memory	16000-bit	64000-bit
TID Memory	Available for all	
Product Code	3005133	3004813
Max. Inner Diameter	–	14 mm / 0.55 in
Max. Outer Diameter	9.65 mm / 0.380 in	15 mm / 0.59 in
Frequency Band	HF 13.56 MHz	
Total Thickness	1 mm / 0.04 in	1.20 mm / 0.05 in
Housing Material	Air Coil	
Operating Temperature	-20 °C to 85 °C / -4 °F to 185 °F	
Storage Temperature	-35 °C to 100 °C / -31 °F to 212 °F (max. 168h)	
Quantity / Package	10000 pcs/plastic tray	8320 pcs/plastic tray

Contact information

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Connect with us on:



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Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

