

PRODUCT DATASHEET

D7.5 PCB tag

Make Identification Possible for Small Item

PCB Tag features its flexibility and availability in different sizes. In its preliminary format, PCB Tag can fit into items by insert molding process. For 7.5mm type, it ideally goes to small containers and makes them to be identified in a contactless way. It helps realize asset management for small item and tool with small space for tagging.

Features

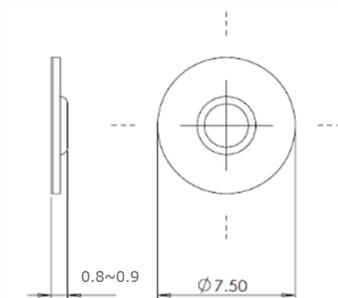
- Ultra small in size
- Insert molding process applicable

Applications

- Traceability
- Product Identification
- Inventory Management



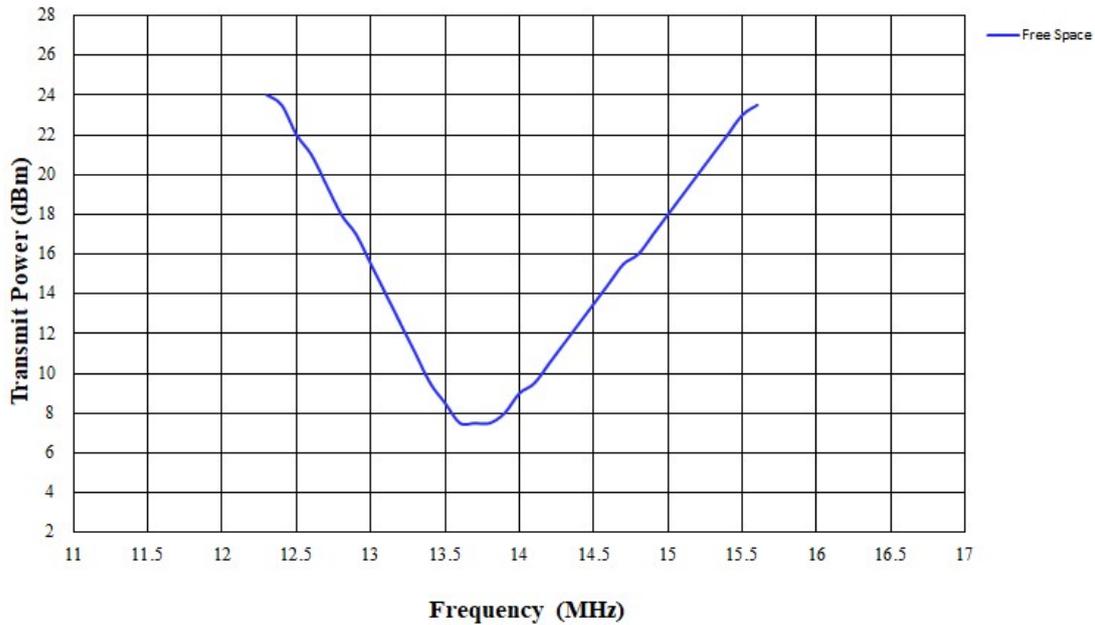
Physical Specification



Dimension	D	7.5	mm /	0.29 in
	T	0.85	mm /	0.03 in
*The exact size is mainly based on metric unit.				
Material	PCB			
Attachment	Adhesive(*optional and not included)			

RF Specification

RFID Chip	Fujitsu MB89R118
Memory	UID 64 bit / User memory 2K byte
RF Interface Protocol	ISO 15693
Operating Frequency	13.56 MHz
Applicable Surface	Non - Metal



*HF sensitivity shown in the figure is measured by Voyantic Tagformance HF Loop Antenna C60. Actual sensitivity performance is subject to the environment in practice.

Environmental Resistance

Operating Temperature	-25°C to 55°C
Storage Temperature	-25°C to 85°C
Warranty	One Year
IP Rating	IP65

Ref. No: Digi-key/420591101-01080

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