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JMP 0505C

- ◆ Tiny and elegant form
- ◆ Exceptional durability on metal surfaces
- ◆ High and low temperature resistance

Applications

JMP 0505C is a UHF passive tag with excellent performance while tracking metal assets, especially in harsh environments, such as:

- ◆ Medical industry: medical devices, surgical instruments and trays, autoclave and sterilization processes
- ◆ Hardware industry: clamps, wrenches and screws
- ◆ IT industry: computers, mobiles, data center servers and circuit boards

Physical Specifications

Size (mm)	5x5x3
Size (in)	0.20x0.20x0.12
Mounting Method	Embed in or epoxy glue
Housing Material	Ceramic

Electronic Specifications

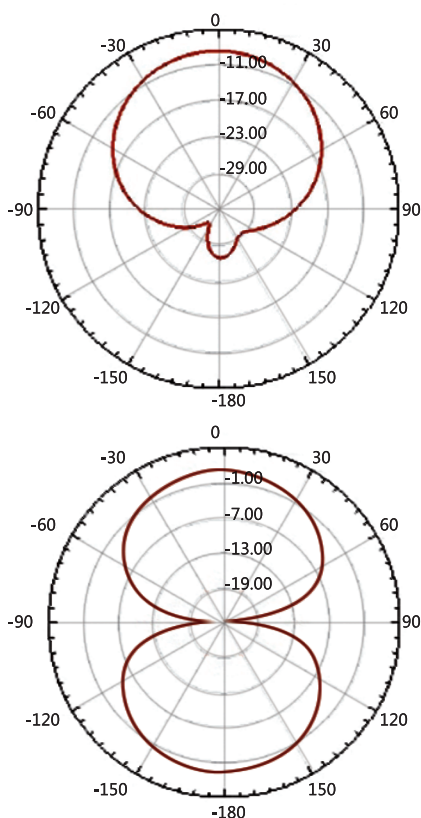
Operating Frequency	902~928 MHz(US) 865~868 MHz(EU)
Chip Type	Alien H3
EPC	128 bits
User Memory	512 bits
TID	96 bits
Key	32 bits
Permanent Failure Key	32 bits
Reading Distance	0.5 to 1.5 m depending on reader type and environment



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Radiation Pattern



Environmental Specifications

Temperature	Operation	-40 °C to 85°C
	Storage	-40 °C to 85°C
	Extreme storage temperature	-40 °C to 150°C
Humidity	85%RH	

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