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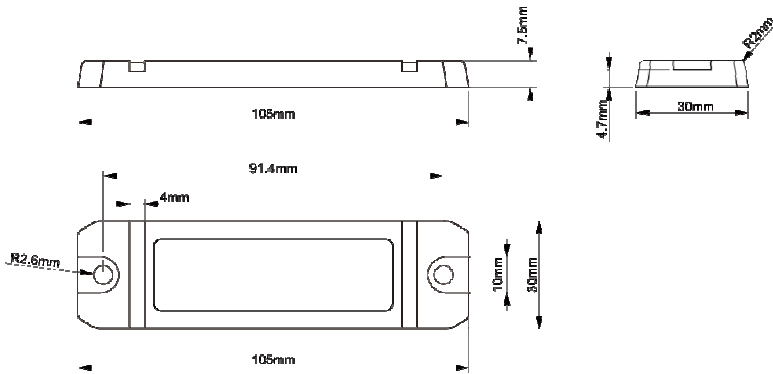
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EM-T42 SPECS---HF&UHF Dual Band RFID Anti-metal Tag

Physical Characteristics	
Dimensions	105.0x30.0mm, Hole: D5.2mmx2; thickness: 7.5mm
Weight	About 27g
Material	ABS+PC
Colour	White or other color customizable
Mounting Methods	Adhesive, screw, binding
Communication	
RFID	RFID
Barcoding	
Not support	
RFID	
Frequency	UHF: US(902-928MHZ), EU(865-868MHZ); HF: 13.56MHZ
Protocol	ISO18000-6C (EPC global UHF Class 1 Gen 2); ISO/IEC 14443A-3
IC type	EM4423
Memory	7 bytes UID (NFC), 96bit TID (EPC); 1920 bit USER data (NFC), 160 bit USER data (EPC); 128 bit EPC
Write Cycles	100,000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read range(Fix Reader):	Up to 500cm, US (902-928MHZ), on metal; Up to 400cm, EU (865-868MHZ), on metal;
Read range(Handheld Reader):	UHF 150cm,(on metal),HF 1cm,(on metal and off-metal), US (902-928MHZ); UHF 130cm,(on metal),HF 1cm,(on metal and off-metal), EU (865-868MHZ).
Other functions	
Not applicable	
Developing environment	
SDK	support
User Environment	
IP Rating	IP68
Operating Temp.	-25°C to +85°C
Storage Temp.	-40°C to +85°C
Humidity	5% RH - 95% RH non condensing
Accessories	
Not applicable	

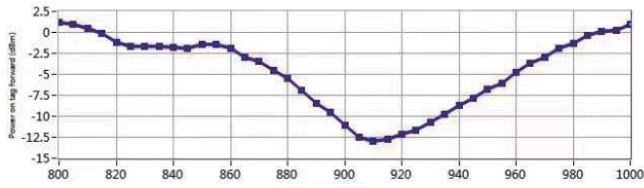


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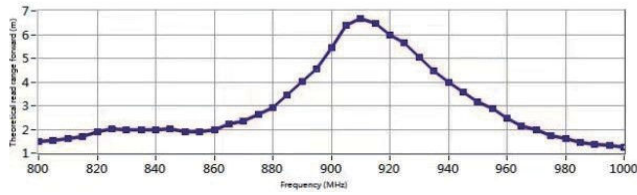


Dual U2:

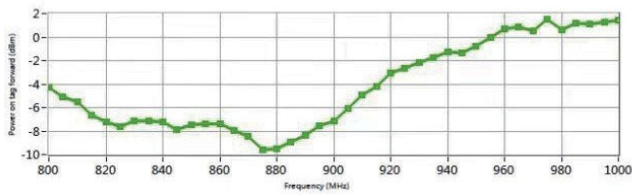
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DualE2:



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