



## High Temperature Resistant UHF RFID Tag

### Functional Specifications:

<b>RFID Protocol:</b>	EPC Class1 Gen2, ISO18000-6C
<b>Frequency:</b>	(US) 902-928MHz, (EU) 865-868MHz
<b>IC type:</b>	Alien Higgs-4
<b>Memory:</b>	EPC 128bits, USER 128bits, TID64bits
<b>Write Cycles:</b>	100,000times
<b>Functionality:</b>	Read/write
<b>Data Retention:</b>	Up to 50 Years
<b>Applicable Surface:</b>	Metal Surfaces
<b>Read Range :</b> (Fix Reader:ThingMagic FU-M6-E, 36dBm/4W)	680cm - (US) 902-928MHz, on metal 700cm - (EU) 865-868MHz, on metal
<b>Read Range :</b> (Handheld Reader: RFG T9908, R2000, 33dBm/2W)	530cm - (US) 902-928MHz, on metal 550cm - (EU) 865-868MHz, on metal
<b>Warranty:</b>	1 Year

### Physical Specification:

<b>Size:</b>	42x15mm, (Hole: D4mmx2)
<b>Thickness:</b>	2.1mm without IC bump, 2.8mm with IC bump
<b>Material:</b>	PTFE
<b>Colour:</b>	Black
<b>Mounting Methods:</b>	Adhesive, Screw
<b>Weight:</b>	2.2g

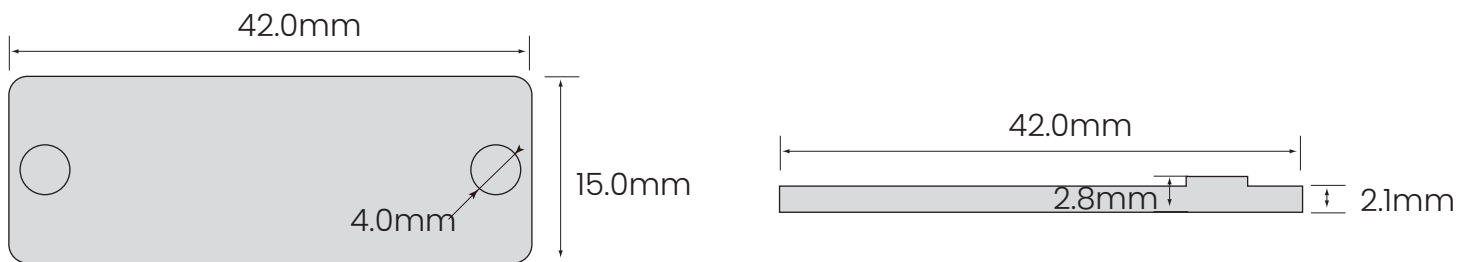
### Environmental Specification:

<b>IP Rating:</b>	IP68
<b>Storage Temperature:</b>	-55°C to +200°C (280°C for 50 minutes, 250°C for 150minutes)
<b>Operation Temperature:</b>	-40°C to +150°C (working 10hours in 180°C)
<b>Certifications:</b>	Reach Approved, RoHS Approved, CE Approved

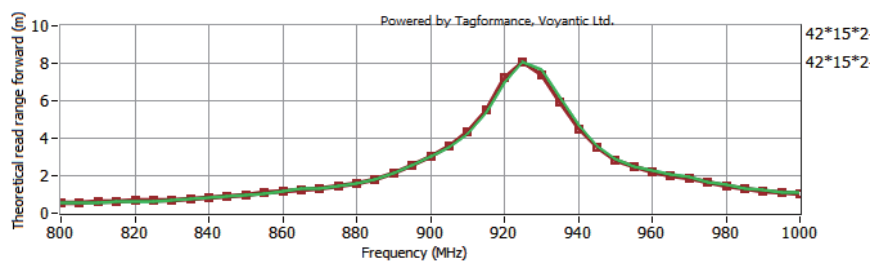
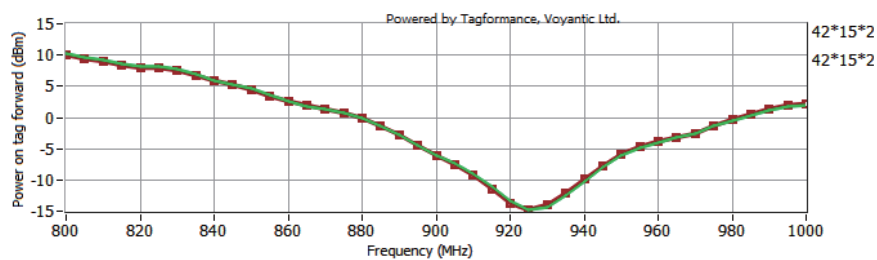
### Order information:

<b>RFG T4215UI</b>	(US) 902-928MHz,
<b>RFG T4215EI</b>	(EU) 865-868MHz

### Dimensions:



### RFG T 4215UI:



RFG T4215E1:

