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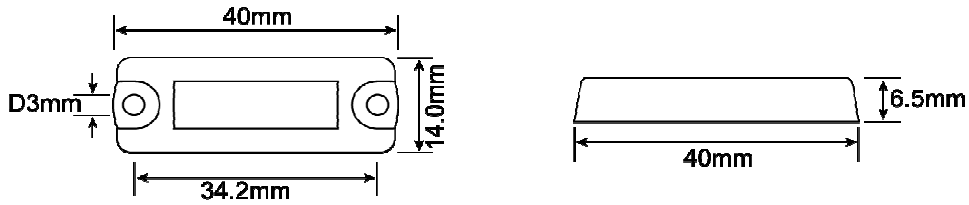
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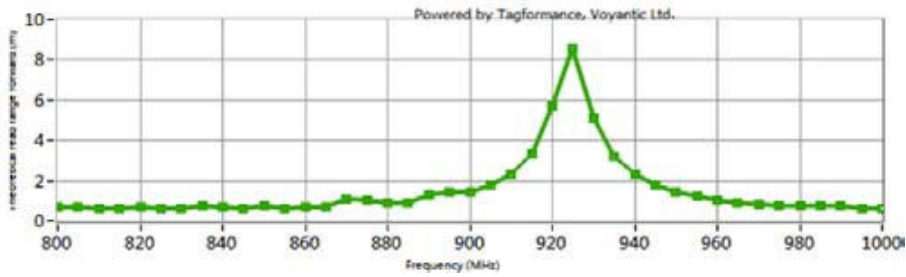
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EM-T44 SPECS---180°C High Temperature UHF RFID Anti-metal Tag

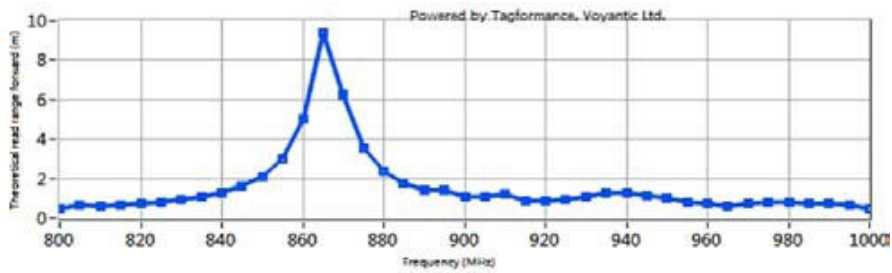
Physical Characteristics	
Dimensions	40x14mm, Hole: D3.0mmx2; thickness: 6.5mm
Weight	About 8.5g
Material	Antenna: ceramic. Shell: PEEK(Other materials can be customized)
Colour	Black
Mounting Methods	Screw - Socket head cap screw (M2.5), Rivet, Adhesive
Communication	
RFID	RFID
Barcoding	
Not support	
RFID	
Frequency	US(902-928MHZ), EU(865-868MHZ)
Protocol	ISO18000-6C (EPC global UHF Class 1 Gen 2)
IC type	Alien Higgs-3 (Monza M4QT, Monza R6, UCODE 7XM+ or other chips are customizable)
Memory	EPC 96bits (Up to 480bits), USER 512bits, TID 64bits
Write Cycles	100,000 times
Functionality	Read/write
Data Retention	50 Years
Applicable Surface	Metal Surfaces
Read range(Fix Reader):	4.2m, US (902-928MHZ) 4.0m, EU (865-868MHZ)
Read range(Handheld Reader):	2.9m, US (902-928MHZ) 2.7m, EU (865-868MHZ)
Other functions	
Not applicable	
Developing environment	
SDK	-
User Environment	
IP Rating	IP68
Operating Temp.	-25°C to +150°C
Storage Temp.	-40°C to +180°C
Humidity	5% RH - 95% RH non condensing
Accessories	
Not applicable	



U1 (US) 902-928MHz, metal surface:



E1(EU) 865-868MHz, metal surface:



Radiation:

